Everlux®

Photoluminescent safety signs

Everlux®

Photoluminescent safety signs
Photoluminescent safety signs suitable for installation at the high and intermediate location levels (page 8 to 69).
The photoluminescent properties are in excess of those required by national and international Standards.

Everlux® SELF-ADHESIVE SIGNS

Photoluminescent self-adhesive safety signs suitable for installation at the high and intermediate location levels (page 70 to 77).
The photoluminescent properties are in excess of those required by national and international Standards.

Everlux®-LLL

Photoluminescent low level signage - Low Location Lighting
Photoluminescent safety signs suitable for installation at the low location level (pages 78 to 95).
The photoluminescent properties are in excess of those required by national and international Standards.
Everlux®-LLL products are manufactured using pigmentation which is suitable for areas with reduced levels of light to a minimum level of 25 lux.

Everlux®- AL

Aluminium photoluminescent signs for tunnels
Photoluminescent safety signs suitable for road and rail tunnels (pages 96 to 103).
Everlux®-AL products are manufactured using pigmentation which is suitable for areas with reduced levels of light to a minimum level of 25 lux. The signs are supplied with an aluminium base material for high resistance to hostile conditions, temperature variances, maintenance and cleaning schedules including high pressure washing methods.

Everlux®-RL

Reflecto-luminescent signs
Reflecto-luminescent safety signs (pages 104 to 115).
Everlux®-RL signs possess both photoluminescent and retro-reflective characteristics. They are visible when met with direct light such as headlights or torches (retro-reflective) and in the absence of light (photoluminescent). They provide the ideal signage solution for locations where both vehicles and people may circulate. They are also of benefit to maintenance, rescue and other personnel who may need to use torches to manoeuvre.

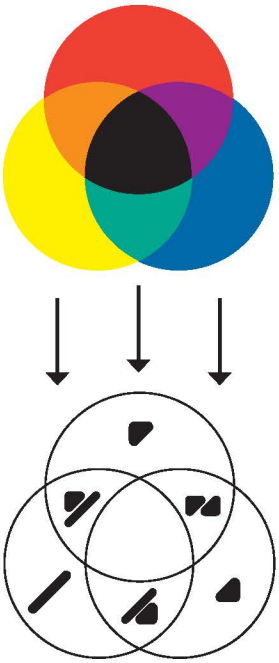
Kits and Accessories

Accessories and specialised products (photoluminescent and non photoluminescent) including photoluminescent kits, Handrail tape, Aluminium frames, Flexible Brackets, Magnetic, Four-sided signs, Fixing system for type 3 suspended signs and Adhesive (pages 116 to 125).

A safety sign communicates its message by using a combination of pictorial graphics, shapes and colours

Colour should be for everyone!
... and because colour is an essential component of a safety sign, Everlux® are proud to be associated with ColorAdd - the colour identification system for colourblind people.

ColorAdd is a project which was developed with the goal of allowing colourblind people to correctly identify each colour, thereby making communication more intuitive, effective and inclusive. ColorAdd is an extremely intuitive symbolic language that uses the primary colours in combination to create the full colour/code palette.



By adopting the ColorAdd system, the Everlux® catalogue allows colourblind people to fully comprehend all the components of safety sign.

www.coloradd.net

Legislation and National Standards	The Health and Safety (Safety Signs and Signals) Regulations 1996	
	European Directive 92/58/EEC of 24th June - Council Directive on the Minimum Requirements for the Provision of Safety and/or Health Signs at Work	
	European Directive 2004/54/EEC of 29th April – Defining the minimum safety requirements for tunnels in the Trans-European Road Network	
	The Regulatory Reform (Fire Safety) Order 2005	
	The Building Regulations	The Building (Amendment) Regulations 2011
		The Building (Amendment) Regulations 2012
		The Building (Repeal of Provisions of Local Acts) Regulations 2012
		The Building (Amendment) Regulations 2013
		The Building (Amendment) Regulations 2017
	Building standards technical handbook 2019: Domestic Buildings	
	BS EN ISO 7010:2020	Graphical symbols - Safety colours and safety signs - Registered safety signs Includes the water safety signs prescribed in ISO 20712-1:2008
	BS ISO 3864-3:2012	Graphical symbols - Safety colours and safety signs - Part 3: Design principles for graphical symbols for use in safety signs (supersedes BS 5499 - 6: 2002 - Creation and design of graphical symbols for use in safety signs-requirement)
	BS ISO 3864-1:2011	Graphical symbols - Safety colours and safety signs - Part 1: Design principles for safety signs and safety markings (supersedes BS 5499 - 1: 2002 - Specification for geometric shapes, colours and layout)
	BS ISO 3864-2:2016	Graphical symbols - Safety colours and safety signs - Part 2: Design principles for product safety labels
	BS ISO 3864-4:2011	Graphical symbols - Safety colours and safety signs - Part 4: Colorimetric and photometric properties of safety sign materials
	BS ISO 23601:2020	Safety Identification – Escape and evacuation plan signs
	BS 5499-4:2013	Part 4: Code of practice for escape route signing
	BS 5499-10:2014	Guidance for the selection and use of safety signs and fire safety notices
	BS ISO 17398:2004	Safety colours and safety signs classification - performance and durability of safety signs
	BS ISO 16069:2017	Graphical symbols safety signs Safety Way Guidance Systems (SWGS)
	BS ISO 22727:2007	Graphical symbols. Creation and design of public information symbols Requirements
	BS 5306-8:2012	Fire extinguishing installations and equipment on premises - Part 8: Selection and positioning of portable fire extinguishers - Code of practice
	BS 5306-10:2019	Fire extinguishing installations and equipment on premises. Colour coding to indicate the extinguishing medium contained in portable fire extinguishers. Code of practice
	BS 5266-1:2016	Emergency lighting. Code of practice for the emergency lighting of premises
	BS 5839-1:2017	Fire detection and fire alarm systems for building
	BS 8629:2019	Code of practice for the design, installation, commissioning and maintenance of evacuation alert systems for use by fire and rescue services in buildings containing flats
International Norms	DIN 67510-1:2020	Photoluminescent pigments and products - Part 1: Measurement and marking at the producer
	DIN 67510-2:2002	Photoluminescent pigments and products - Part 2: Measurement of phosphorescent products on site
	DIN 67510-3:2011	Photoluminescent pigments and products - Part 3: Low Location Lighting System

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How to order

All Everlux®, Everlux®-LLL, Everlux®-AL and Everlux®-RL products have a unique 5 digit code. To order you need to indicate the following:

1 - The 5 digit product code which can be found directly below each sign image
2 - The size (mm) - please note relevant sign sizes applicable to each code
3 - The type of sign (see page 12). If no sign type is specified then a Type 1 sign will be supplied by default.

Example:
This sign is available in the following sizes 300x100; 400x120; 400x150; 600x200 and 900x300 and also as a Type 1, 2 or 3 sign.

80 008

(mm)
300x100
400x120
400x150
600x200
900x300

To order the sign shown above in 400mmx120mm and as Type 1 please use the following format:

Code	Size	Type
80 008 -	400x120 -	Type 1

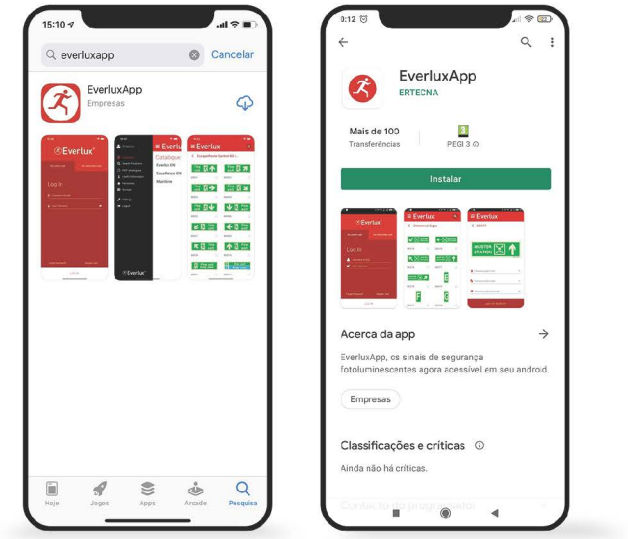
Everlux®app

The Everlux®app is the most effective way to make the process easier when conducting a site survey or whenever you require photoluminescent safety signs.

With the Everlux®app, the full range of Everlux® photoluminescent safety signs is now accessible on your mobile or tablet. The Everlux®app also offers additional features such as technical information.

The Everlux®app will assist an engineer or risk assessor whilst conducting a site survey and will prove to be an essential tool. Whether it is a full site survey utilising building plans or a less comprehensive "walk-round" survey the Everlux®app will allow the user to select and insert signs in the appropriate location, choose the appropriate size and conduct a complete survey whilst listing all the functions needed.

Ideally, the Everlux®app will prove to be an essential tool for all professionals who undertake risk assessments, safety signage & fire safety surveys, projects, maintenance and fire equipment installation or have direct responsibility for premises safety.



Available on the iPhone App Store

ANDROID APP ON Google play

The Everlux®app is available for iOS (4.3 or higher, for iPhone, iPod touch and compatible with iPad) and Android (version 4.0.0 or higher). This App can be downloaded from App marketplaces by searching for Everlux®. Full details are also available at www.everlux.eu.

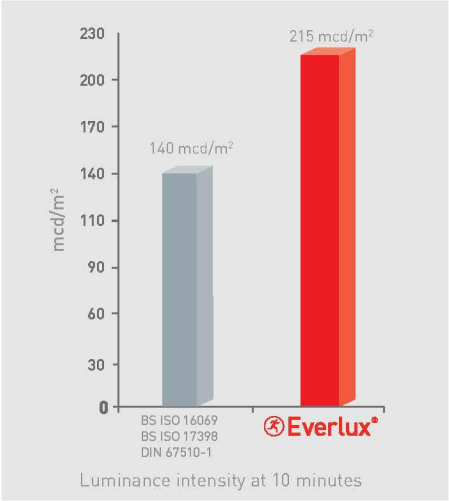

Danger
High voltage
ESCAPE PLAN
Push pad to open

Everlux®

PHOTOLUMINESCENT SAFETY SIGNS

SIGN PERFORMANCE AND TECHNICAL CHARACTERISTICS

Technical characteristics of photoluminescent safety signs

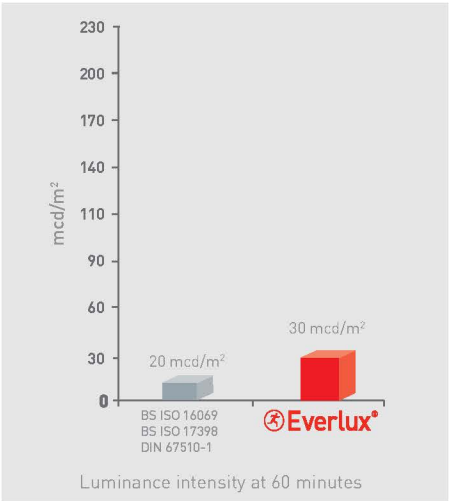


Luminance intensity at 10 minutes

Time after removing the exciting light (in minutes)	Luminance Intensity (mcd/m²)	
	BS ISO 16069 BS ISO 17398[*] DIN 67510-1[*]	Everlux®
10	140 mcd/m²	215 mcd/m²

Measurement criteria in accordance with BS ISO 16069 and DIN 67510-1

Indicates the measurement in millicandelas per square meter (mcd/m²) of a sign's luminance intensity 10 minutes after removing the light source.
(*) Minimum luminance for Class C

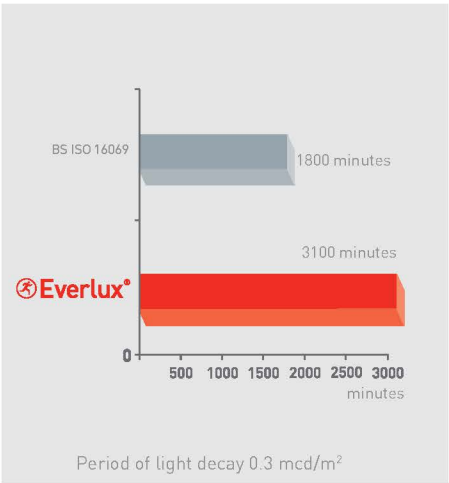


Luminance intensity at 60 minutes

Time after removing the exciting light (in minutes)	Luminance Intensity (mcd/m²)	
	BS ISO 16069 BS ISO 17398[*] DIN 67510-1[*]	Everlux®
60	20 mcd/m²	30 mcd/m²

Measurement criteria in accordance with BS ISO 16069 and DIN 67510-1

Luminance intensity 60 minutes after removing the light source.
[*] Minimum luminance for Class C



Period of light decay 0.3 mcd/m²

Luminance intensity greater than 0.3 mcd/m²	Period of light decay (minutes)	
	BS ISO 16069	Everlux®
	1800 minutes	3100 minutes

When tested in accordance with BS ISO 16069

Period of light decay: This is the time (in minutes) during which the luminance intensity is higher than 0.3 mcd/m² - a value approximately 100 times greater than the limit of visibility.
Stimulated with 1000 lux over a 5 minute duration with a lamp with colour temperature of 6500K

Material: Photoluminescent rigid plastic 2 mm thick
Printing: Serigraphy, high quality gloss paint with UV resistance and a 5-year guarantee
Surface: Antistatic and easy to clean
Fire Reaction: Self-extinguishing (Previously Class M1) and flame retardant according to IEC 60092-101:2018
Chemical Characteristics: Non-radioactive, non-phosphorous, lead-free and non-toxic.

Sign performance and technical characteristics

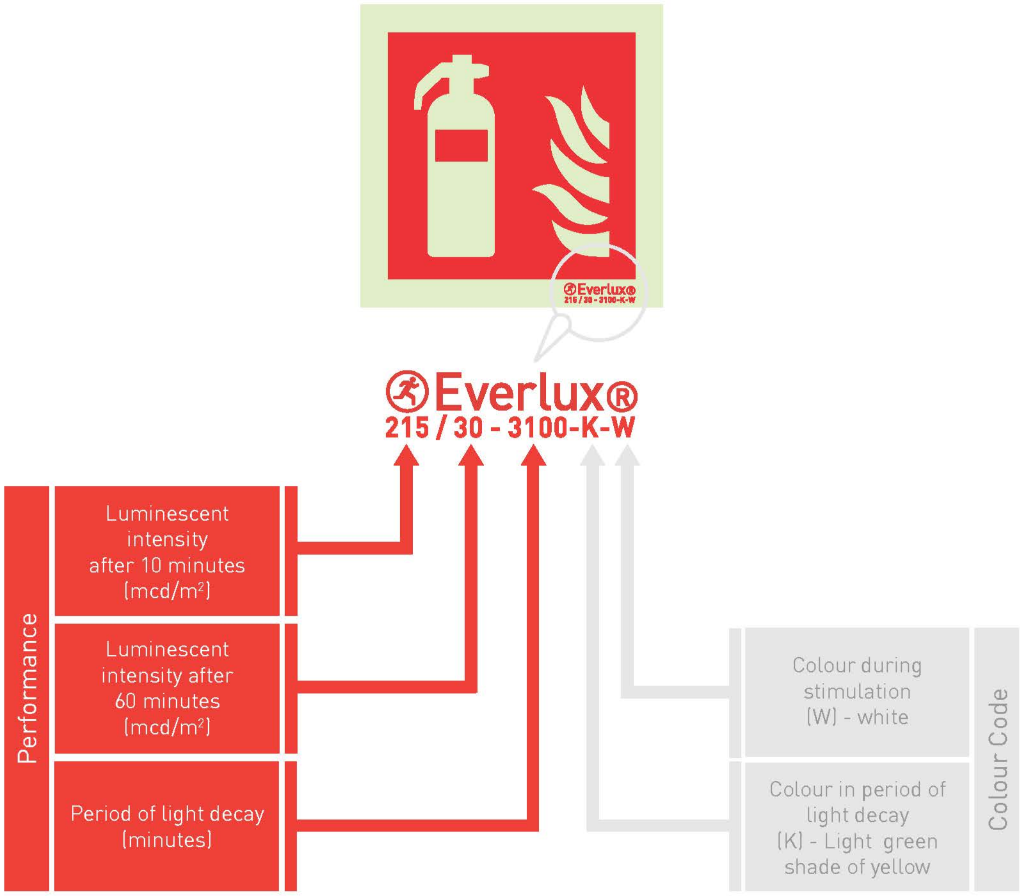
Technical Guarantees

The photoluminescent characteristics and performance values are printed on all Everlux® signs as per ISO and DIN Standard requirements. This provides consumers with the appropriate information and the guarantee of a high quality product.

BS ISO 17398: 2004

Specifies the requirements of a performance-related classification system for safety signs. The performance criteria and testing methods are specified in this Standard to ensure that factors relating to photoluminescence, durability and expected service can be characterised and specified at the time of purchase.

Please see the following example:



This brings the signs into alignment with other safety equipment where the technical information is supplied on the apparatus, e.g. fire extinguishers. This helps specifiers and consumers to make an informed decision about which signs should be used.

The quality of Everlux®, Everlux®-LLL and Everlux®-AL safety signs is ensured by a continuous quality control system and all Everlux® photoluminescent products have the Lloyd's Register Type Approval Certificate.

The method of measuring the luminance performance as per ISO and DIN Standards is carried out in the laboratory where all the measuring equipment is calibrated by an accredited official body.

Company certifications:

Certifies our organisation's quality management system (QMS)

Certifies our organisation's environmental management system (EMS)

Certifies our organisation's health and safety atwork management (HSWMS)

Lloyd's Register

Page 1 of 4
Certificate No. LR20024053S-02
Issue Date: 18/01/2020
Expiry Date: 17/03/2025

Certificate of Type Approval

This is to certify that

The product detailed below has been found by a member of the Lloyd's Register group to comply with the Specified Standard (s) referenced below.

Manufacturer	**ERTECNA Lda**
Address	EN-109, Araujos- Brenha, 3080-436 Figueira da Foz, Portugal
Type	Photoluminescent Materials
Description	Photoluminescent Materials for Marine, offshore, industrial and commercial applications for safety signs, escape route illumination systems Type: **"Sinalux/Everlux Photoluminescent Safety Signs"**
Trade Name	**Sinalux/Everlux**
Specified Standard	Fire Retardance: IEC 60092-101:2018 (Clause 4.7) Fire Retardance: NBR 13434 - 3:2018 (Clause 4.1) Luminance Performance: ISO 16069:2017 (Clause 7.2.1& 7.2.2) Luminance Performance: ISO 15370:2010 Luminance Performance: DIN 67510-4:2008 Luminance Performance: UNE 23035-1:2003 Luminance Performance: NBR 13434-3:2018 (Clause 4.5) Luminance Performance: NS 3926-1:2017 (Clause 7.2) Luminance Performance: NS 3926-2:2017 (Clause 4.10) Luminance Performance: NP ISO 16069:2012 Luminance Performance: NP4386:2014 Luminance Performance: NT11; NT22 RT-SCIE (ANEPC) Luminance Test: DIN67510-1:2009 Luminance Test: ISO16069:2017 (Annexe B) Luminance Test: UNE23035-1:2003 Luminance Test: NS3926-2:2017 (Clause 4)

The attached Design Appraisal Document forms part of this certificate.
This certificate remains valid unless cancelled or revoked, provided the conditions in the attached Design Appraisal Document are complied with and the equipment remains satisfactory in service.

This certificate is not valid for equipment, the design or manufacture of which has been varied or modified from the specimen tested. The manufacturer should notify Lloyd's Register of any modification or changes to the equipment in order to obtain a valid certificate.

Lijo Thomas
Senior Surveyor to Lloyd's Register EMEA
A member of the Lloyd's Register group

71 Fenchurch Street, London, EC3M 4BS, United Kingdom

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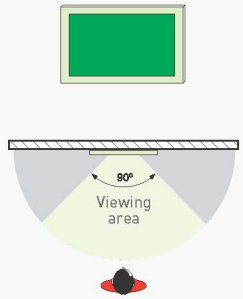
TYPES OF SIGNS

Different types of application may require different alternatives for mounting signs

For signs to be seen clearly they must be mounted according to the appropriate viewing angle.

Type 1 (single-sided)

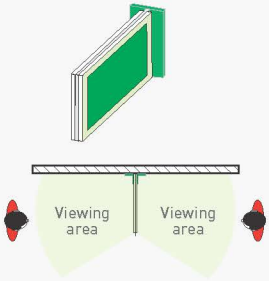
Parallel wall mounted sign.



Type 2 (double-sided)

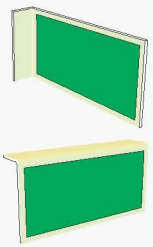
- The full range of Everlux® signs are available as a Type 2

A Type 2 sign can be mounted perpendicularly to the wall by means of either a rigid aluminium or flexible plastic bracket. The flexible bracket consists of a plastic strip which enables the perpendicular installation of a double-sided Type 2 sign and was developed with the aim of allowing a sign to swing through a 180 radius without breaking if struck.



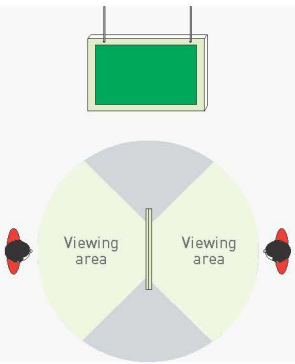
Type 2 "Fold"

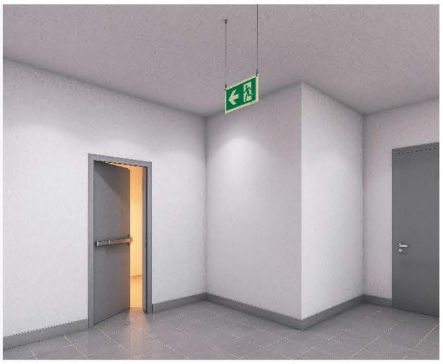
The Type 2 "Fold" sign is an evolution of the standard aluminium and flexible bracket projecting sign options also available. Made from 2mm PVC with a 90° fold at the attachment end, these lightweight Type 2 projecting signs can usually be installed without the need for drilling and offer the ideal solution when ensuring the signs visibility in corridors and stairwells etc.



Type 3 (double-sided)

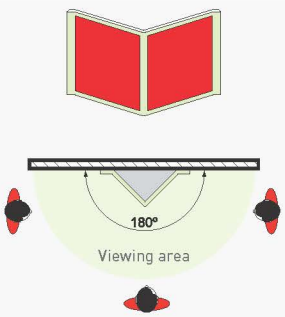
A Type 3 suspended single or double-sided sign is intended to be suspended from a ceiling. The sign is supplied with fixing holes drilled in the top corners to allow the appropriate suspension fixing to be attached (see page 122-123 for Type 3 suspension fittings).





Type P (panoramic signs)

A panoramic sign offers the greatest visibility and is printed on the two outward facing surfaces to offer a 180° viewing radius.



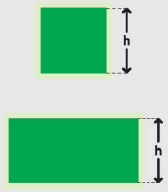
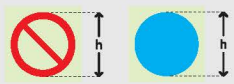
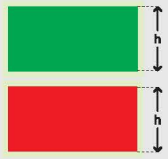
Sign size and viewing distances

The size of the sign is defined by the maximum viewing distance from which the sign is understandable. The table below shows the maximum viewing distance of each sign according to BS 5499-4:2013 for safe condition signs and BS ISO 3864-1:2011 (superceding BS 5499-1:2002) for other signs categories. The viewing distance at which a sign of a particular size is conspicuous and comprehensible depends on the illumination of the sign and the amount of detail it contains.

D=hxZ

D - maximum viewing distance in metres (m)
h - overall height (printed area) of the signboard in millimetres (mm).
Z - distance factor taking into account the sign category, illumination factors and level of detail.

According to BS 5499-4:2013 – safe condition signs have a distance factor value (Z) of 170 (considering a 100 ≤ vertical illuminance at sign <200 lux) whereas other sign types have an assumed distance factor value of 60 as defined by BS ISO 3864-1:2011.

Signs Standards	Shape	Sign category	Z - Distance factor	h - Sign height mm (not including borders)	Everlux® Sign size (Overall height)	D - Viewing distance
Safe Condition signs (BS 5499-4:2013)		Safe Condition signs	**170**	80	100x100	**14**
				131	150x150	**22**
				80	200x100	**14**
				180	200x200	**31**
				278	300x300	**47**
				376	400x400	**64**
				560	600x600	**95**
				80	300x100	**14**
				129	300x150	**22**
				78	400x100	**13**
				98	400x120	**17**
				129	400x150	**22**
				180	400x200	**31**
				129	600x150	**22**
				180	600x200	**31**
				276	600x300	**47**
				176	800x200	**30**
				276	900x300	**47**
				364	1200x400	**62**
				520	1200x600	**88**
Sings other than Safe Condition signs (BS ISO 3864-1:2011)		Prohibition signs or Mandatory Action signs	**60**	80	100x100	**5**
				131	150x150	**8**
				180	200x200	**11**
				278	300x300	**17**
				376	400x400	**23**
		Hazard and Warning signs		56	base 100	**3**
				94	base 150	**6**
				130	base 200	**8**
				193	base 300	**12**
				264	base 400	**16**
		Fire Equipment signs		65	80x80	**4**
				80	100x100	**5**
				131	150x150	**8**
				150	170x170	**9**
				180	200x200	**11**
				278	300x300	**17**
				376	400x400	**23**
				36	150x50	**2**
				55	150x75	**3**
				36	200x50	**2**
				57	200x70	**3**
				80	200x100	**5**
				57	300x70	**3**
				80	300x100	**5**
				129	300x150	**8**
				80	400x100	**5**
				98	400x120	**6**
				129	400x150	**8**
				180	400x200	**11**
				129	600x150	**8**
				180	600x200	**11**

Please note that the key dimension when ascertaining the viewing distance of a sign is it's height.

SIGN SIZE AND VIEWING DISTANCES

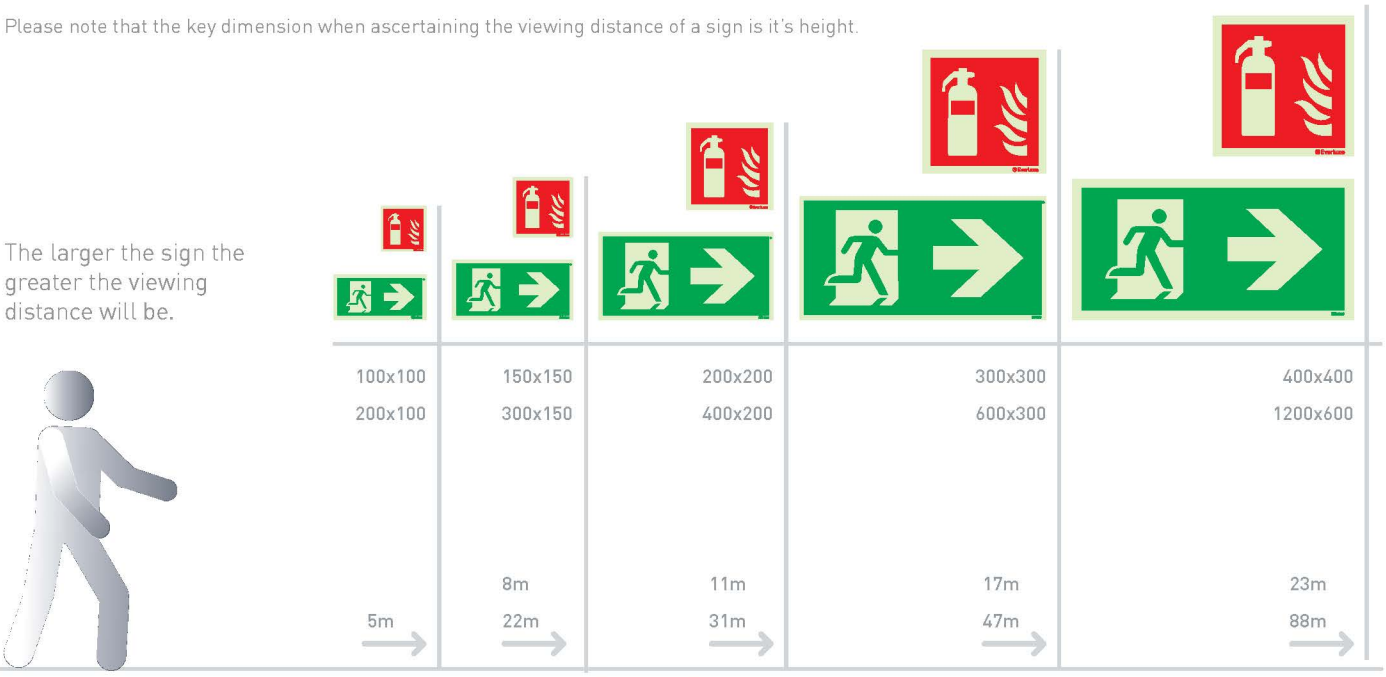
For a sign to be visible and understood

The size of the sign is chosen according to the maximum viewing distance and the layout of the premises. However, the viewing distance at which a sign of a particular size is conspicuous and comprehensible depends on the sign category, illumination factors and level of detail.

Viewing distances (according to BS ISO 3864-1:2011) – Fire equipment and sign categories
Viewing distances (according to BS 5499-4:2013) – Code of practice for escape route signing

Please note that the key dimension when ascertaining the viewing distance of a sign is it's height.

The larger the sign the greater the viewing distance will be.



Viewing Distances

Signs positioned at the high and intermediate location levels

Signs positioned at the High Location Level are intended for all users within a building. Therefore, they shall be installed at a height above 1.8m. This way the presence of people or objects located between the equipment and the user does not obstruct the visibility of the signs.

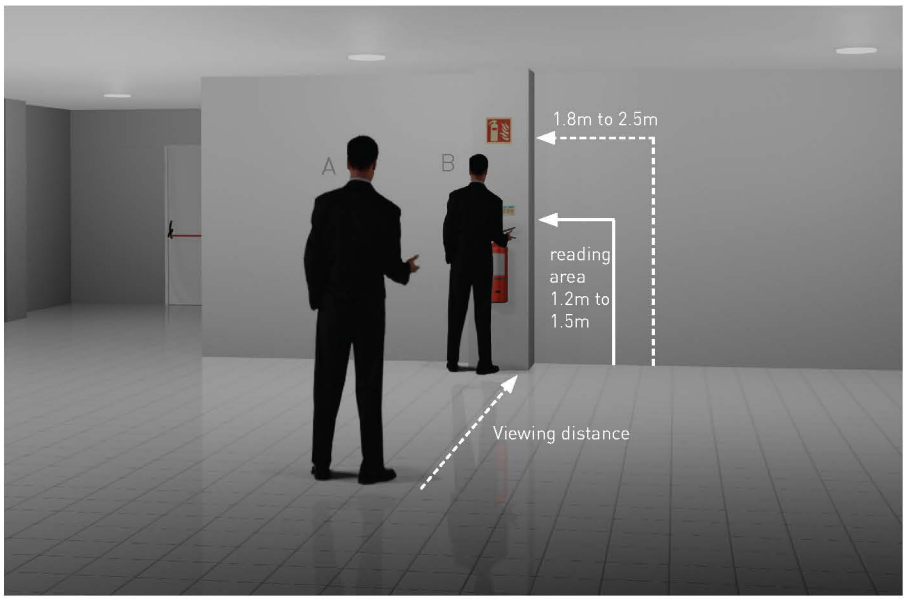
Signs located at the Intermediate Location Level are intended for the user of the identified equipment. This signage contains complementary information advising the correct usage of the equipment or what actions are required and should therefore be installed at a height of between 1.2 and 1.8m.

Example (fire extinguisher):

Person A is able to identify the fire extinguisher's whereabouts because the sign is positioned at the High Location Level. This is despite the fact that **person B** is obstructing the extinguisher's visibility. The size of a fire extinguisher location sign is dictated by the appropriate viewing distance required.

A supplementary ID sign is positioned above the fire extinguisher within to the Intermediate Location Level (eye level). This provides the intended operator of the fire extinguisher (**Person B**) with instructions advising safe use.

The presence of an ID sign does not substitute the need for a fire extinguisher location sign but is an additional sign that provides information regarding the type of fire extinguisher and the class of fires for which is safe to use.



Selection of signs and installation height

The best photoluminescent properties are achieved when a sign is installed as close to a light source as possible and receiving direct light as a result. This will ensure that the sign remains visible in the absence of light.

Escape route signs

It is necessary to make sure that from any given point within a building people have clear directional guidance on how to reach the designated place of safety. These instructions are given by using standard escape route signs along the escape route.

An evacuation safety system is comprised of signs positioned above doors and along the escape routes indicating all changes of direction leading to the designated point of safety. It is essential that when reaching a sign people can already see the next one and continue that way until reaching the final exit.

All escape route signs should generally be installed within the 1.8m - 2.5m height range.

Fire safety signs

These should be selected and installed in a way that guarantees their visibility from any point within a building. In the event of fire it is essential that fire-fighting equipment is readily available to be used as a first response. For this reason, such equipment needs to be identified quickly and easily.

Permanent signs must be used at all times and placed above the location of each piece of fire-fighting equipment and within the 1.8m to 2.5m height range (or even higher depending on the viewing distance or due to intermediate objects hindering visibility).

In situations where fire-fighting equipment and location signs are not clearly visible another sign may be required to indicate the location of the fire-fighting equipment. This ensures prompt and easy identification of this type of fire-fighting equipment.

Identification signs should also be placed directly above a fire extinguisher as this will also help to identify what type of fire extinguisher to use.

Prohibition, mandatory action, hazard and warning signs

When identifying different areas of risk management, these signs must be positioned to clearly identify the nature and the location of any given hazard or action required. In all situations where certain actions or behaviour can be dangerous or cause risk, Prohibition signs must be used in order to reduce the risks associated with this type of behaviour.

Using the correct Hazard and Warning signs in the right locations will reduce the number of dangerous incidents and the risk of accidents. Special attention should be given to placing the signs in a clear and visible location before encountering the hazard. Signs also need to be as near as possible to the risk areas. For example: In an area where fork-lift trucks operate, signs should be placed on all of the doors leading into this area as well as positioning other complementary signs at a higher level.

To ensure the use of Personal Protective Equipment (PPE) or to indicate that a specific course of action is to be taken Mandatory signs must be used.

Signs for industrial areas

The main rule for evacuation routes that should always be considered is that from any given point within a building one must be able to clearly see the high location signs, i.e., evacuation, location, fire alarm call points, fire extinguishers, etc.

Therefore, in large buildings and/or those with a complex layout, an assessment has to be made regarding viewing distances and to take into consideration any temporary obstruction of the signs by looking at them from various angles, corners, access routes, etc.

In these cases larger signs should be mounted at a higher level or suspended from the ceiling.

EMERGENCY ESCAPE ROUTE SIGNS

BS EN ISO 7010 escape route signs

(mm)
200x100
300x150
400x200
600x300


80 091


80 092


80 093


80 094

For Panoramic Signs please see page 22


80 095


80 096

For Type 2 "Fold" Signs please see page 23


80 097


80 098


80 099


80 100

British Standard escape route signs with supplementary text

(mm)
300x100
400x120
400x150
600x200
900x300

80 001

80 002

80 003

80 004

80 005

80 006

80 007

80 008

80 009

80 010

80 012

British Standard escape route signs with supplementary text

(mm)
300x100
400x120
400x150
600x200
900x300

80 051

80 052

80 053

80 054

80 055

80 056

80 057

80 058

80 059

80 060

80 061

80 062

80 063

80 064

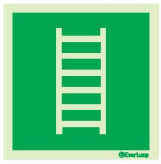
80 065

80 066

Escape route & escape ladder signs

(mm)
(*)100x100
(*)120x120
150x150
200x200
300x300
400x400
(**)600x600

(*)(**) Also available in this size


80 606


80 616


80 617


80 618

(**) 80 021

(**) 80 022

80 075

80 076


(*) 80 077


(*) 80 078


80 079


80 080

(mm)
300x150
400x200
(*)600x300

(*) Also available in this size

(*) 80 031

(*) 80 032

80 625

80 626

80 627

80 628

80 629

(mm)
300x100
400x120
400x150
600x200
800x200
900x300

80 041

80 042

EMERGENCY ESCAPE ROUTE SIGNS

European Council Directive 92/58/EEC escape route signs

(mm)
300x150
400x200
600x300


80 121


80 122


80 123


80 124


80 125


80 126

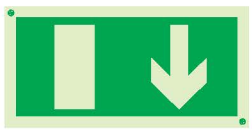

80 127

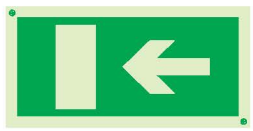

80 128

For Panoramic Signs
please see page 22


80 129


80 130

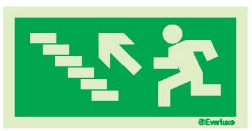

80 131

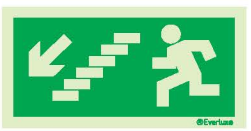

80 132

For Type 2 "Fold" Signs
please see page 23


80 133


80 134


80 135


80 136

Escape route signs for people with reduced mobility

(mm)
150x150
200x200
300x300


80 171


80 172

80 173


80 179


80 600

(mm)
150x200
200x300

80 174

80 175

80 176

80 180

(mm)
300x100
400x150

80 177

80 178

Escape route signs for people with reduced mobility

EUROPEAN DIRECTIVE COUNCIL 92/58/EEC


80 181


80 182


80 183


80 184


80 185


80 186


80 187


80 188

(mm)
300x150
400x200
600x300


80 220


80 221


80 222


80 223

(mm)
200x100
300x150
400x200
600x300

BRITISH STANDARD WITH SUPPLEMENTARY TEXT

80 199

80 200

80 201

80 202

80 203

80 204

(mm)
300x100
400x150
600x200

Refuge point directional signs

BRITISH STANDARD WITH SUPPLEMENTARY TEXT

80 205

80 206

80 207

80 208

80 209

80 210

80 211

(mm)
300x100
400x150
600x200

EMERGENCY ESCAPE ROUTE SIGNS

Large directional signs specifically designed for warehouses and larger buildings - available as Type 1 or Type 3 suspended signs

British Standard with supplementary text

(mm)
1200x400

80 251

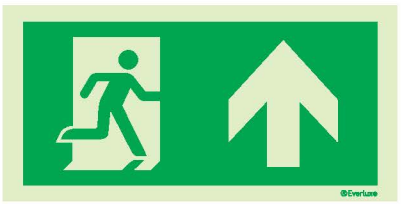
80 252

80 253

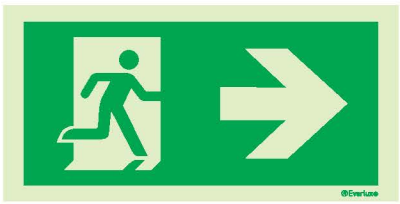
80 254

BS EN ISO 7010

(mm)
1200x600



80 261



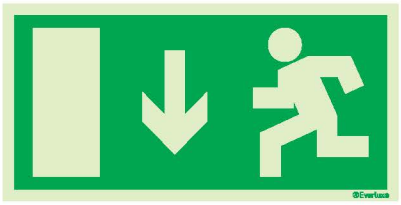
80 262

80 263

80 264

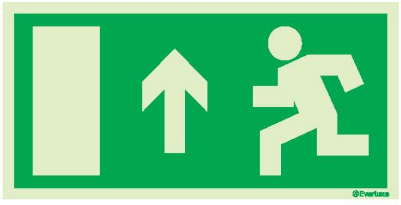
European council directive 92/58/EEC

(mm)
1200x600

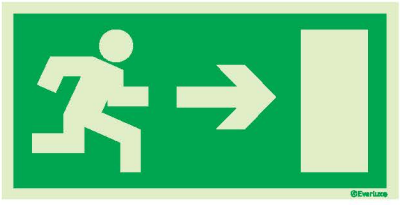


80 271

80 272



80 273



80 274

Vertical profile signs suitable for pillars, columns and narrow receiving surfaces

This range of signs offers alternative escape route signs suitable for difficult locations, such as car parks, supermarkets, structural steelwork, etc. They are also an ideal solution when clearance above a doorframe does not allow the normal positioning of an escape route sign. Positioning the sign next to the side of the doorframe at the high location will meet the requirements of BS 5499:4.

British Standard with supplementary text

80 281 80 282 80 283 80 284 80 285 80 286 80 287 80 288

(mm)
150x400
240x600

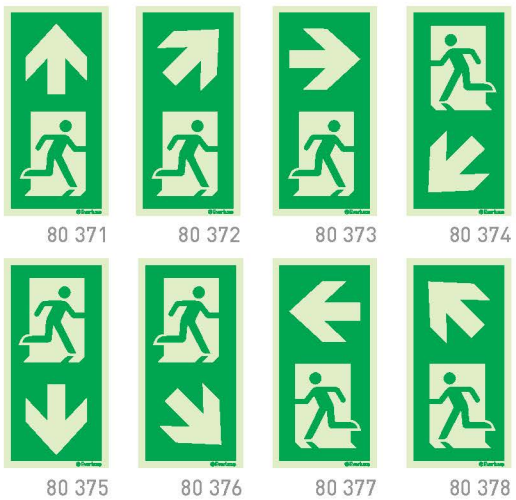
European council directive 92/58/EEC

Standard rectangular Type 1 signs often do not suit installation onto pillars due to their shape and a reduced effective viewing distance due to their relative size. Evacuation signs specifically developed for pillars allow pictograms to be larger, therefore providing a greater viewing distance. The image shown illustrates the comparison between the two types of evacuation signs and the pictogram size.

80 295 80 296 80 297 80 298 80 299

(mm)
150x240
240x400

BS ISO 7010



80 371 80 372 80 373 80 374

80 375 80 376 80 377 80 378

(mm)
150x300
200x400

EMERGENCY ESCAPE ROUTE SIGNS

Panoramic signs - signs which offer 180° visibility

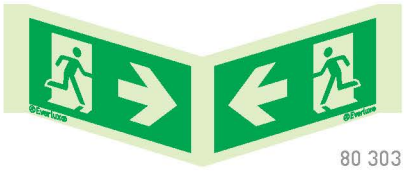
Wall mounted

(mm)
200x100
300x150

BS EN ISO 7010

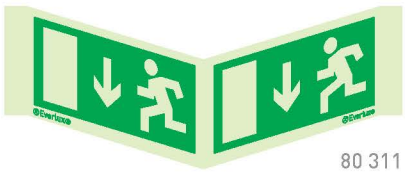
80 301

80 302

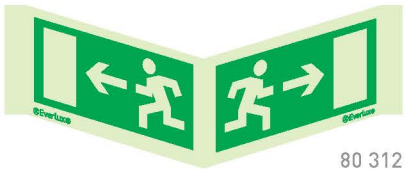


80 303

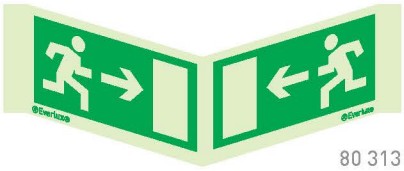
EUROPEAN DIRECTIVE COUNCIL 92/58/EEC



80 311



80 312



80 313

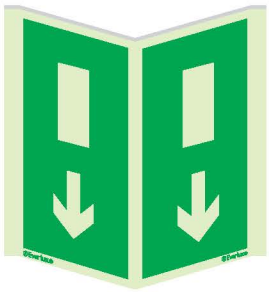
(mm)
100x200
150x300
200x400

BS EN ISO 7010

80 341

80 342

EUROPEAN DIRECTIVE COUNCIL 92/58/EEC



80 343

80 344

(mm)
150x200
200x300
300x400

BRITISH STANDARD WITH SUPPLEMENTARY TEXT

80 361

80 362

Ceiling mounted

(mm)
200x400
300x600

BS EN ISO 7010

80 321

EUROPEAN DIRECTIVE COUNCIL 92/58/EEC

80 322

Type 2 "Fold" signs - Lightweight projecting signs

The Type 2 "Fold" sign is an evolution of the standard aluminium and flexible bracket projecting sign options also available. Made from 2mm PVC with a 90° fold at the attachment end, these lightweight Type 2 projecting signs can usually be installed without the need for drilling and offer the ideal solution when ensuring the signs visibility in corridors and stairwells etc.
The type 2 "Fold" signs are supplied double-sided unless otherwise requested.

Wall mounted

BS EN ISO 7010	BRITISH STANDARD WITH SUPPLEMENTARY TEXT	EUROPEAN DIRECTIVE COUNCIL 92/58/EEC
 80 440	 (*) 80 438	 80 439
 80 441	 (*) 80 442	 80 443

(mm)
300x150
(*)300x100

(*) Only available in this size

Ceiling mounted

BS EN ISO 7010


80 444


80 445


80 446


80 447


80 448

(mm)
300x150

BRITISH STANDARD WITH SUPPLEMENTARY TEXT


80 449


80 450


80 451


80 452


80 453


80 323

(mm)
300x100

EUROPEAN DIRECTIVE COUNCIL 92/58/EEC


80 454


80 455


80 456


80 457


80 458


80 459

(mm)
300x150

Escape route signs for Healthcare premises

The NHS guidance document Wayfinding: effective wayfinding and signing systems guidance for healthcare facilities (which supersedes HTM 65) establishes the safe condition exit signs to be used in healthcare facilities. According to the HTM 05-03, Part K, safety signs must be used, where necessary, to help people to identify escape routes.

(mm)
300x100
400x150
600x200

80 381

80 382

80 383

80 384

80 385

80 386

80 387

80 388

80 389

80 390

80 391

80 392

80 393

80 394

80 395

80 396

80 397

Assembly Point signs

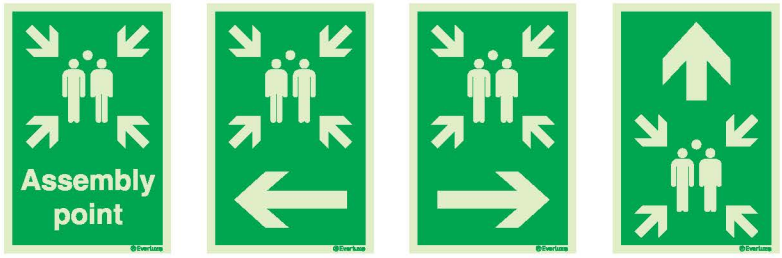
Assembly Point signs are essential. These signs provide information in order to direct an evacuee to the designated point of safety where individuals can be accounted for in an evacuation process.

For Four-Sided for 360º viewing angle Assembly Point signs, see page 119.

Ensure protective film is considered when installing signs in exposed areas.

80 401

(mm)
150x150
200x200
300x300
400x400

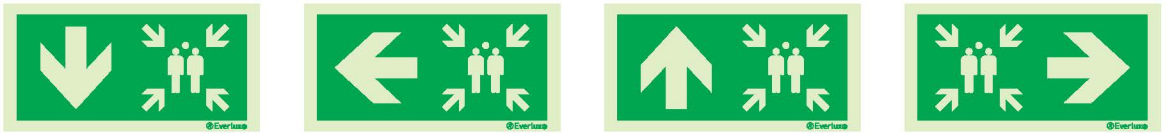


80 405 80 406 80 407 80 416

(mm)
150x200
200x300
300x400
400x600

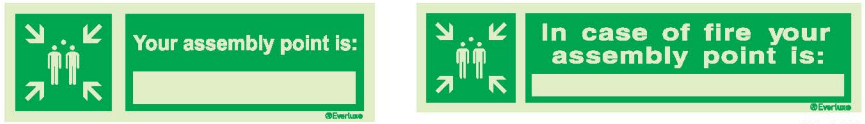
80 408 80 409 80 410

(mm)
300x100
400x150
600x200



80 431 80 432 80 433 80 434

(mm)
200x100
300x150
400x200
600x300



(*) 80 411 80 421

(mm)
(*)150x50
(*)200x70
200x50
300x70
400x100
600x200

(*) Only available in this size

Photoluminescent numbers and letters to be used in conjunction with Assembly Point signs

(*) 80 415 80 43A 80 43Z 80 460 80 469

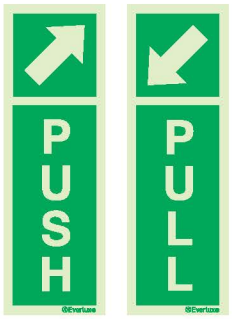
(mm)
150x150
200x200
300x300
(*)300x150
(*)600x300

e.g.

(*) Only available in this size

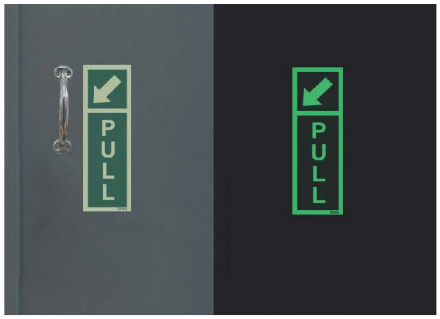
Door mechanism signs

(mm)
70x200
100x300

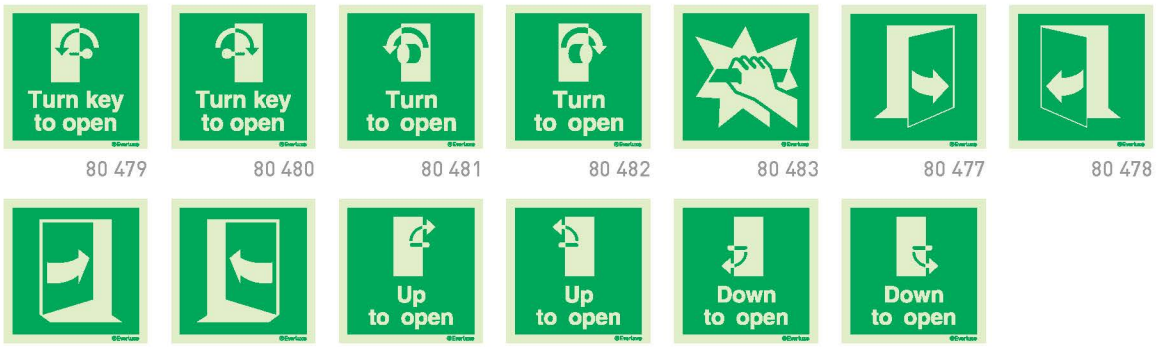


80 475 80 476

It is essential that everyone can easily understand how to operate a door in an emergency situation. Escape door mechanism signs help facilitate a fast and safe evacuation, thereby avoiding panic.



(mm)
100x100
150x150
200x200
300x300



80 479 80 480 80 481 80 482 80 483 80 477 80 478
80 484 80 485 80 486 80 487 80 488 80 489

(mm)
150x200
200x300

80 491 80 492 80 493 80 494 80 495 80 496 80 498

(mm)
100x240
100x100(*)

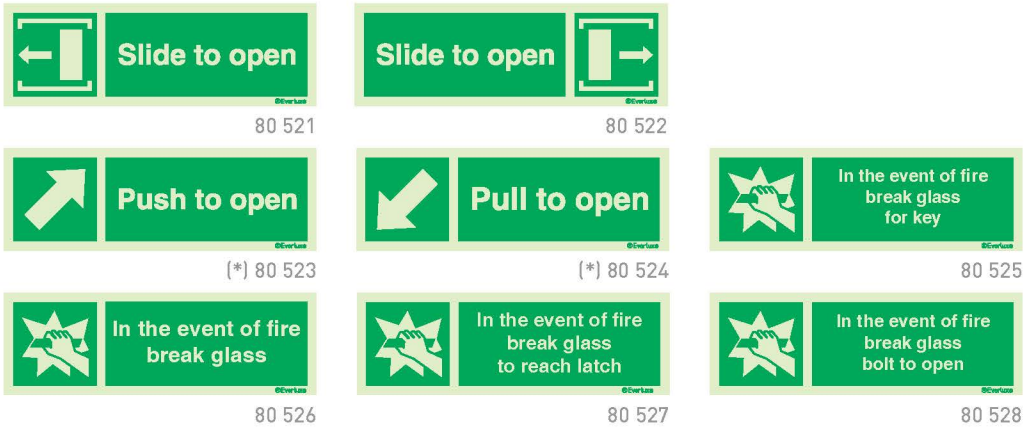
(*) Only available in this size

80 501 80 502

(*) 80 503 (*) 80 504

(mm)
200x70
300x100
400x120
600x200(*)

(*) Also available in this size



80 521 80 522
(*) 80 523 (*) 80 524 80 525
80 526 80 527 80 528

Door mechanism signs

(**) 80 531

(**) 80 532

(*) 80 535

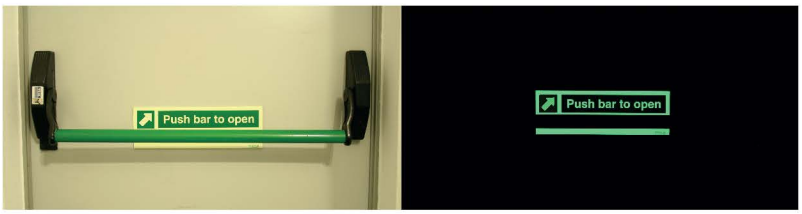
(*) 80 536

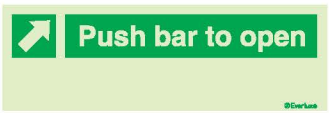
(mm)
(*)100x100
(**)200x100
(**)300x150
(**)400x200

(*)(**)Only available in this size

80 497

(mm)
150x200
200x300





80 515

80 516

(mm)
300x100
400x120
600x200

(*) 80 490

80 511

(mm)
200x50
300x70
400x100
(*)40x40
(*)80x80
(*)100x100
(*)150x150

(*) Only available in this size

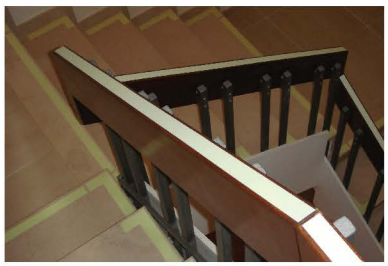
Everlux® door frame strips

80 537

Door frame outlined in photoluminescent rigid PVC with a 2mm thickness.

(mm)
1200x35
1200x57
1200x83

Everlux® handrail tape



80 538

Available in self-adhesive photoluminescent vinyl with a 0.39 mm thickness.
Please see page 118 for further details.

(mm)
900x16
900x27
900x35

Storey & dwelling indicator signs

BS 8629:2019 and the Scottish Building Standards Technical Handbook 2019: Domestic Buildings establishes a Code of Practice for the design, installation, commissioning and maintenance of evacuation alert systems for use by Fire and Rescue Services in buildings containing flats. Within these documents there is a requirement that each storey shall be identified by the "floor number" that is to be located on every landing of a fire-fighting stairway and every fire-fighting lobby (or open access balcony) into which a firefighting lift discharges.

All storey identification signs should be supplemented by dwelling indictor signs. The dwelling indictor signs provide information as to the dwellings (flats or maisonettes) located on each storey and they allow the Fire and Rescue Services to allocate resources appropriately minimising delays in the emergency response.

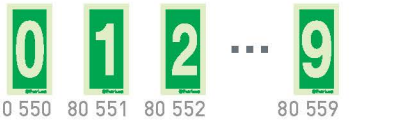
The wording on each dwelling indicator sign should take the form "Flats X-Y" where X is the lowest dwelling number and Y is the highest dwelling number, accessed via the storey. In the case of maisonettes, the dwelling number should only be indicated on the normal access storey for the maisonette.

Dwelling indicator signs should be sited immediately below the storey identification signs so that the top edge of the dwelling indicator signage is no more than 50mm below the bottom edge of the storey identification signage.

(mm)
300x150

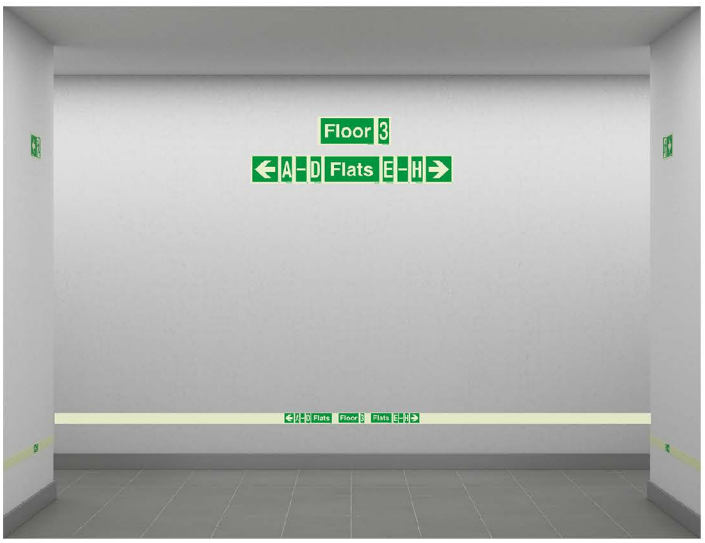
80 541 80 542 80 543 80 544 80 545

(mm)
75x150



80 550 80 551 80 552 80 559

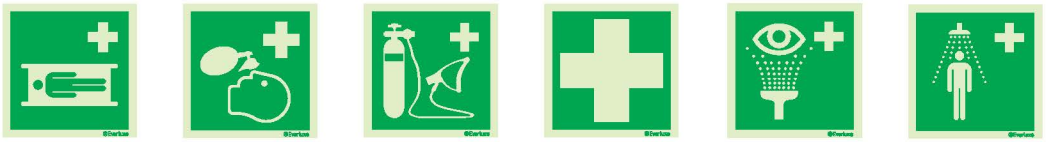
80 56A 80 56B 80 56C 80 56Z 80 561



For LLL Dwelling Signs
please see page 84.

Safe Condition Signs

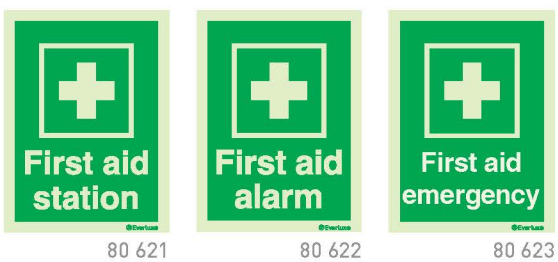
(mm)
150x150
200x200
300x300
400x400



80 601 80 602 80 603 80 604 80 607 80 608

80 609 80 610 80 611 80 612 80 615

(mm)
150x200
200x300
300x400



80 621 80 622 80 623

Safe Condition Signs

80 631

80 632

80 633

80 634

80 635

80 636

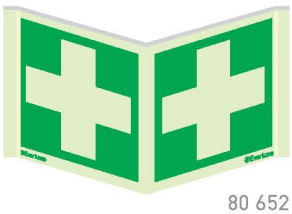
80 637

80 638

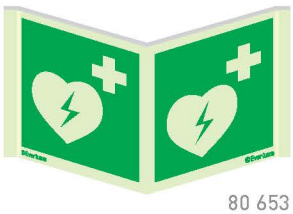
(mm)
300x100
400x150
600x200

Panoramic Safe Condition Signs

80 651

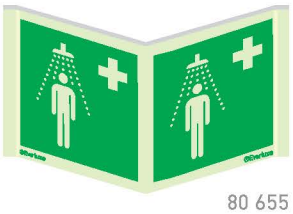


80 652



80 653

80 654



80 655

80 656

(mm)
100x100
150X150
200x200
300x300

AED Location Signs

An automated external defibrillator (AED) is a life-saving machine positioned in public areas that gives the heart an electric shock in incidents of cardiac arrest. Over 30,000 cardiac arrests a year occur in the UK and the use of an AED has been proven to increase the chance of a sufferer surviving a cardiac arrest by up to 74%.

At present there are over 6,000 AED machines positioned in public areas and this is set to increase significantly over the next few years with the UK Government working actively with organizations such as the British Heart Foundation, the UK Resuscitation Council and the Football Association to ensure that AED machines are commonly placed and readily available.

(*) Only available in this size

(*) 80 613

80 642

80 643

80 644

(mm)
(*)150x150
(*)200x200
(*)300x300
(*)400x400
100x150
150x200
200x300

80 639

80 640

80 641

(mm)
300x100
400x150

Everlux® Self-adhesive decals for luminaires and bulkhead style light fittings

(mm)
320x140
345x108
345x110
350x120
355x195
385x185
392x192
420x145
425x150

When escape route signage is considered a common problem is often encountered. Many buildings are fitted with safety signs throughout but the Final Exits are illuminated by a fixed electrical light which often displays an EEC Directive sign image, often in the form of a self-adhesive decal. As one of the few universally accepted truths within safety signage is that it should be of a continuous type, this can often create a dilemma.
To overcome this common issue, Everlux® has developed a range of photoluminescent self-adhesive, transparent escape route decals for luminaires and bulkhead light fittings.

Manufactured on self-adhesive vinyl with photoluminescent BS EN ISO 7010 pictograms, the Everlux® photoluminescent decals will guarantee visibility in all situations as the sign's message will be visible in all circumstances.

The decals are available in a range of sizes to suit most luminaires and bulkhead light fittings. They can be easily cut to the appropriate size, thereby resolving this perennial problem with a simple engineered solution!

80 701

80 702

80 703

80 704

80 705

80 706

80 707

80 708

80 709

80 710


80 711


80 712


80 713


80 714


80 715


80 716


80 717

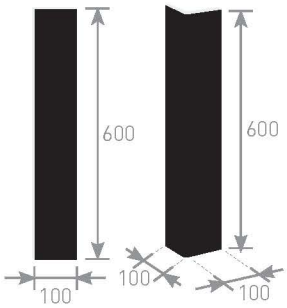

80 718


80 719


80 720

Photoluminescent marking strips to identify hazardous areas

Recommended for areas where people circulate especially to indicate, machinery, pillars, corners, low-level fixed or protruding objects, dangerous areas, etc



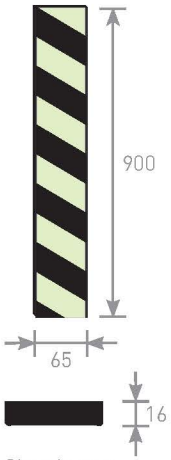
Sizes in mm

81 801 81 802 81 803 81 804 81 805 81 806

Everlux® safety bumpers for flat surfaces and for edges

In all premises there are obstacles that can create a danger to the movement of people. Also pillars, tubes and other objects protruding from walls, pavements or ceilings can cause damage to users when they occur along the evacuation routes. The Everlux® safety bumpers allow the softening of the impact in a way to minimise the effects of a collision.
As they are photoluminescent they not only minimise the consequences of the impact but also help to prevent it as they remain visible in any circumstances, even in the absence of light.

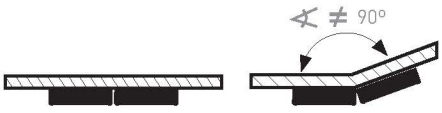
Technical Characteristics of Everlux® Bumpers
- Material: cellular neoprene
- Resistance to fire: self-extinguishing (ex-class M1)
- Coated with photoluminescent material

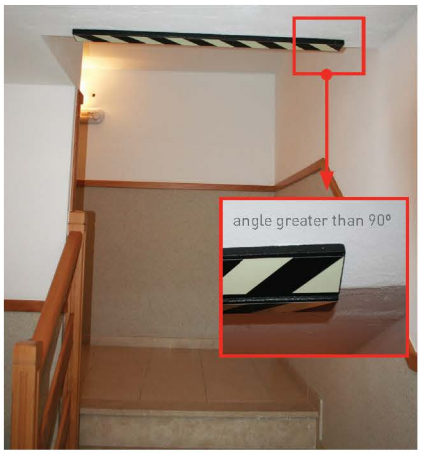


Sizes in mm

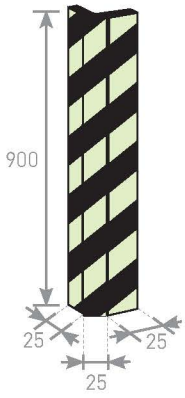
Various bumpers can be installed side by side to offer a wider area of protection.
Each bumper is supplied with a high adherence adhesive tape to allow it to be quickly and efficiently adhered to most common surfaces that are clean and free from dust.

For angles other than 90°, flat bumpers should be used.





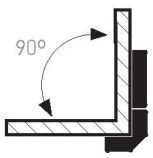
Bumper for flat surfaces 88 561



Sizes in mm

Each bumper is supplied with two high adherence adhesive tapes (one for each internal surface) so as to allow it to be quickly and efficiently adhered to most common surfaces that are clean and free from dust.

This bumper can be applied together with the bumpers for flat surfaces (ref. 88 561) to increase the protection areas (see scheme below).



Bumper for edges 88 566

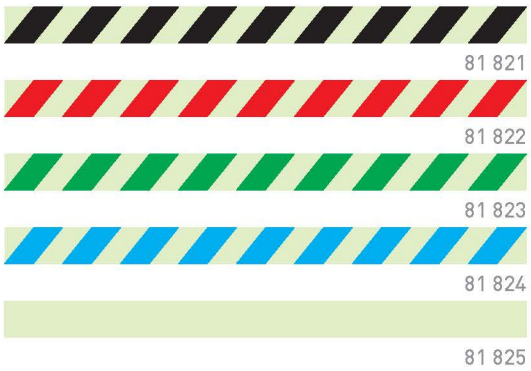
MARKING STRIPS

To highlight obstacles, hazards and safe areas

ISO 3864-1 specifies the following colour combinations for the layout of safety markings:

- To identify the exact location of fire fighting equipment (effective alternative but not included in ISO 3864-1).
- To warn of potential hazards e.g. obstacles, falling loads and changes of level.
- To indicate prohibited areas or the location of fire fighting equipment.
- To indicate safe areas or the location of emergency equipment.
- To indicate mandatory instructions e.g. "keep clear".

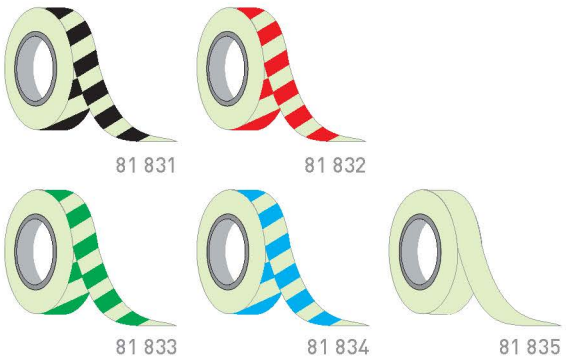
(mm)
1200x35
1200x57
1200x83

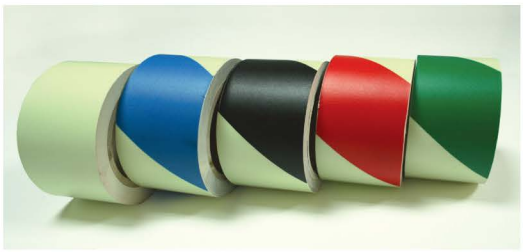


Photoluminescent rigid plastic strips

Length (m)
10

Width (mm)
35
57
83



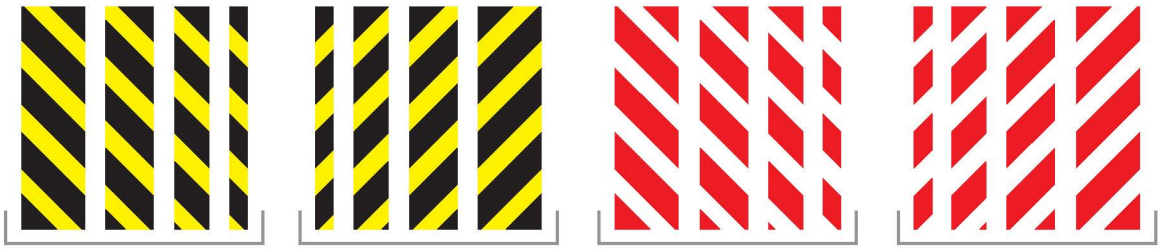


Photoluminescent self-adhesive vinyl rolls.

Self-adhesive reflective hazard warning strips to sign obstacles

(mm)
680x50
680x100
680x150
680x200

Recommended for use in vehicle circulation areas to mark obstacles such as pillars and maximum heights.



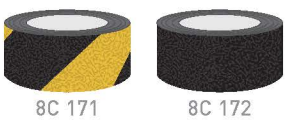
(mm)
600x60
600x100

Available in self-adhesive reflecto-luminescent vinyls.

For product specifications see page 106.

Non-slip rolls for floor application

(mm)
18000x25
18000x50



Fire extinguisher and fire hose reel signs

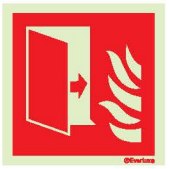
Four-Sided for 360° viewing angles fire-fighting equipment sign, please see page 119.


(*) 82 001


(*) 82 003


82 005


82 006


82 007


82 008


(**) 82 009

(mm)
(**)80x80
100x100
150x150
200x200
300x300
(*)400x400
(*)600x600

(*) (**) Also available in this size

82 021

(*) 82 022

(*) 82 023

(*) 82 024

82 025

82 026

(*) 82 027

82 028

82 029

(mm)
150x200
200x300
(*)300x400

(*) Also available in this size

82 041

82 042

(mm)
200x150
300x200

82 051

82 052

82 053

82 054

82 055

82 056

82 057

82 058

(mm)
300x100
400x150

Fire extinguisher and fire hose reel signs

(mm)
100x200
150x300
200x400

Whenever the fire-fighting equipment and it's associated location sign are not clearly visible, extra equipment location signs with directional arrows can be used to clarify the location of such equipment.

For panoramic signs please see page 41


82 101


82 102


82 103


82 104


82 105


82 106


82 107


82 108

(mm)
1200x35
1200x57
1200x83

82 151

Fire extinguisher frames.
Please see page 118.

Fire extinguisher instruction for use signs

(mm)
150x200
200x300

It is the installer's responsibility to ensure that the appropriate ID sign is selected with any installed Fire Extinguisher.

81 161

81 162

81 163

81 164

81 165

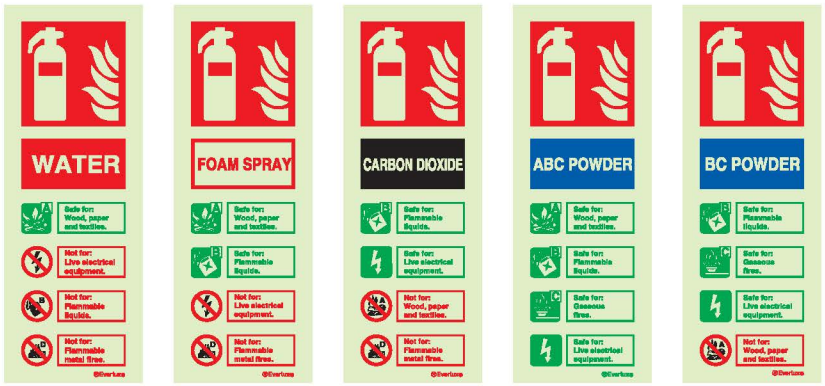
Identification ID signs for fire extinguishers, fire hose reels and fire blankets

Everlux® fire extinguisher, fire hose reel and fire blanket identification signs are intended to complement the non-automatic fire-fighting equipment location signs required by law and fully conform with BS EN 3-7:2004 + A1:2007. They allow the user to quickly identify what type the fire extinguisher is and what type of fire it is safe or unsafe to use on.

(mm)
75x200

ID signs ensure full compliance, in all situations, with the standard BS 5306-10:2019 and with the standard BS 5306 8:2012 which states that "It is highly recommended that an Identification Sign (ID sign) is fixed/installed immediately above the fire extinguisher".

It is the installer's responsibility to ensure that the appropriate ID sign is selected with any installed Fire Extinguisher type.



82 201 82 202 82 203 82 204 82 205

82 206 82 207 82 208 82 209 82 210 82 211 82 212

82 213 82 214 82 215 82 216 82 217 82 218 82 219

FIRE-FIGHTING EQUIPMENT SIGNS

Identification ID signs for fire extinguishers, fire hose reels and fire blankets

(mm)
150x100
200x150

82 221

82 222

82 223

It is the installer's responsibility to ensure that the appropriate ID sign is selected with any installed Fire Extinguisher type.

82 224

82 225

82 226

82 227

82 228

82 229

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82 232

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82 234

82 235

82 236

82 237

82 238

82 239

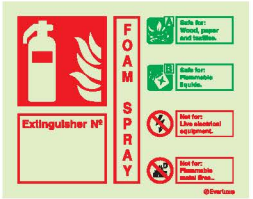
Numbered fire extinguisher identification signs

(mm)
150x120

Numbering fire fighting equipment is an effective and thorough way of identifying the location of such equipment. It also helps H&S Responsible Persons and enforcing authorities to identify and report accurately if an extinguisher is damaged, missing or used. This ID sign is in a landscape format with a space below the fire extinguisher pictogram in the bottom left hand corner. This space allows for up to 3 numbers to be added. The numbers are printed in black on self-adhesive transparent vinyl. The same number/s should correspond with the fire extinguisher and the ID sign in order to ensure the fire extinguisher remains in its original location and can not be confused with another one.

It is the installer's responsibility to ensure that the appropriate ID sign is selected with any installed Fire Extinguisher type.

82 311



82 312

82 313

82 314

82 315

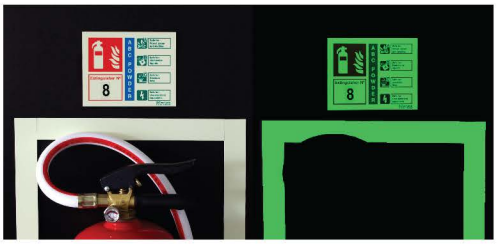
82 316

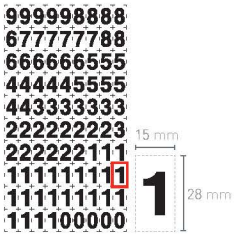
82 317

Numbered fire extinguisher identification signs

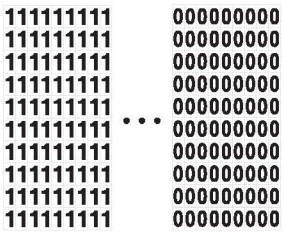
These numbers are available in the sheets below in two different formats: one format contains the same digit and the other contains multiple digits. The sheets in single digit format are available with numbers 1 to 0. There are 90 numbers supplied on each sheet. The multiple digit sheet contains the most commonly used numbers in greater quantities and should allow the identification of up to 24 fire extinguishers.

(mm)
15x28
A4 page





82 301



8 Num1 8 Num0

Know your fire extinguisher information signs

Everyone in the workplace should receive appropriate training to know when it is safe to use a fire extinguisher in the event of a fire. The "Know your fire extinguishers" sign will help with personnel training and will offer a continuous reminder of what type of fire extinguisher is to be used in each type of fire.

82 341

(mm)
300x200
600x400

Fire equipment and fire alarm call point signs

82 351

(mm)
100x100
150x150
200x200
300x300
(*)400x400
(**)600x600

82 352

(*)(**) 82 353

(*) 82 354

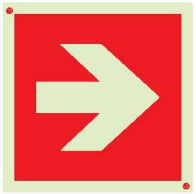
(*)(**) 82 355

(*)(**) 82 356

(*) Also available in this size

For Panoramic Signs please see page 41

82 357



(*) 82 358

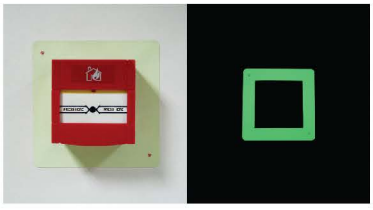
82 360

82 350

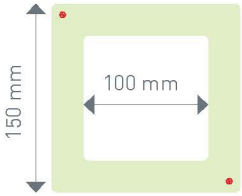
82 349

For Type 2 "Fold" Signs please see page 41

Call point surrounds



Fitting a photoluminescent frame around a manual call point allows the operator to quickly and easily identify its precise location, especially in the event of a power cut or black-out situation.



82 441

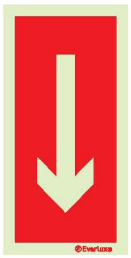
(mm)
150x150

FIRE-FIGHTING EQUIPMENT SIGNS

Fire equipment and fire alarm call point signs

(mm)
100x200
150x300
200x400

82 401



82 402

(mm)
100x60(***)
150x75(***)
200x200(*)
300x300(*)
400x400(*)
200x150(**)
300x200(**)
400x300(**)
150x200
200x300
300x400

(*) (**) (***) Only available in this size

(*) 82 359

(**) 82 421

(**) 82 422

(***) 82 403

82 423

82 424

82 425

82 426

82 427

Personalised fire equipment missing signs

(mm)
75x200

82 429

This useful sign indicates when fire equipment has been removed from its prescribed position whilst also promoting your company in a discrete and aesthetic style. These 200x73mm signs are installed behind the relevant fire extinguisher or fire blanket and remain hidden until the equipment is removed. Once removed the sign will indicate that the equipment is missing whilst also communicating the company responsible for its specification and/or maintenance. Available in quantities of 250, 500 & 1000 the signs can be personalised to feature your company logo and/or contact details in two colours of your specification.

(1) Personalised Fire Equipment Signs are quoted net and with carriage included. Please contact your Sales Manager for details
(2) If company logo is to feature - a hi-resolution file copy (JPG, PNG or similar) will be required to ensure high reproductive quality

Do not use lift signs

(mm)
150x200
200x300

82 450

82 452

Fire equipment signs

(mm)
(*)200x70
300x100
400x120

(*) Also available in this size

82 461

(*) 82 462

82 463

82 464

82 465

82 466

82 468

82 469

82 470

82 471

82 472

82 473

82 474

82 475

82 476

82 477

(*) 82 478

(*) 82 479

(*) 82 480

(*) 82 481

(*) 82 482

82 483

82 484

82 485

82 486

82 487

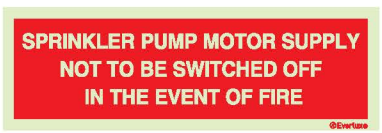
82 488

82 501

82 492

82 491

82 494



82 495

82 496

FIRE-FIGHTING EQUIPMENT SIGNS

Fire equipment signs

(mm)
200x70(*)
300x100
400x120

82 493

82 497

(*) 82 498

82 499

82 500

82 502

82 503

82 489

82 490

(*) Also available in this size

Gaseous & deluge suppression system signs

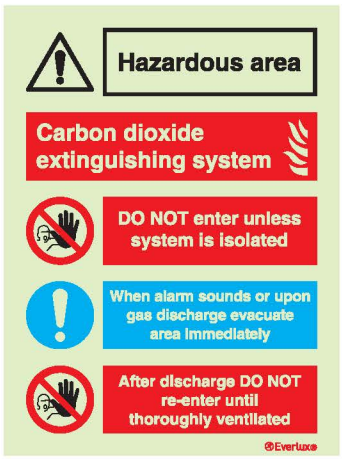
(mm)
75x200

82 455

82 456

Only available in this size and also in self-adhesive

(mm)
150x200
200x300



82 458

82 459

Numbers for marking fire equipment and other purposes

(mm)
75x150
100x200
150x300

83 000 83 001 83 009 83 010 83 011 83 012

Panoramic fire equipment signs

(*) 83 201

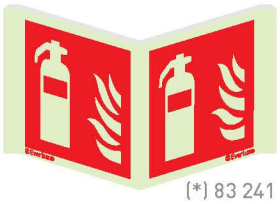
83 202

(*) 83 203

(*) 83 204

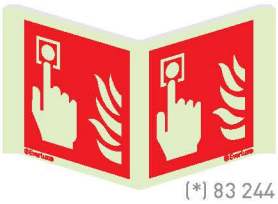
(mm)
150x200
200x300
300x400
(*)400x600

(*) Also available in this size


(*) 83 241


83 242


(*) 83 243

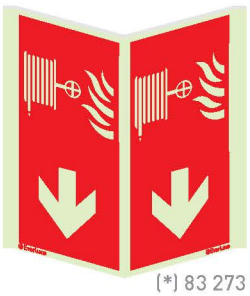

(*) 83 244

(mm)
(*)100x100
150x150
200x200
300x300
(*)400x400
(*)600x600

(*) Also available in this size


(*) 83 271


(*) 83 272


(*) 83 273


(*) 83 274

(mm)
(*)100x200
150x300
200x400
300x600

(*) Also available in this size


(*) 83 278


83 275


83 276


83 277

Type 2 "Fold" signs - Lightweight projecting signs

The Type 2 "Fold" sign is made from 2mm PVC with a 90° fold at the attachment end. These lightweight Type 2 projecting signs can usually be installed without the need for drilling and offer the ideal solution when ensuring the signs visibility in corridors and stairwells etc.


83 151


83 152


83 153

(mm)
170x170

FIRE ACTION NOTICES

Procedures in case of emergency

Fire action notices give clear instructions to all staff and public of the correct procedures in case of emergency. They should be prominently installed in key locations, e.g. above fire alarm call points, reception areas, lifts, etc.

(mm)
150x200
200x300

83 351

83 352

83 354

83 356

83 358

83 359

83 362

Procedures in case of emergency

Fire action notices give clear instructions to all staff and public of the correct procedures in case of emergency. They should be prominently installed in key locations, e.g. above fire alarm call points, reception areas, lifts, etc.

(mm)
150x200
200x300

83 363

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FIRE ACTION NOTICES

Procedures in case of emergency

Fire action notices give clear instructions to all staff and public of the correct procedures in case of emergency. They should be prominently installed in key locations, e.g. above fire alarm call points, reception areas, lifts, etc.

(mm)
150x200
200x300

83 373

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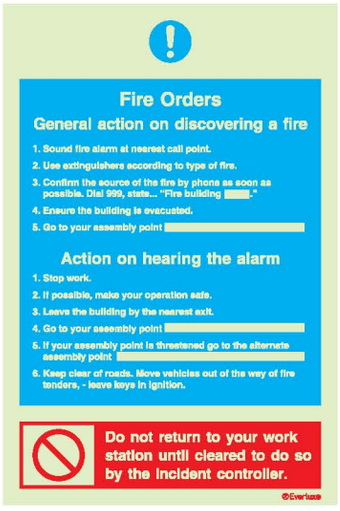
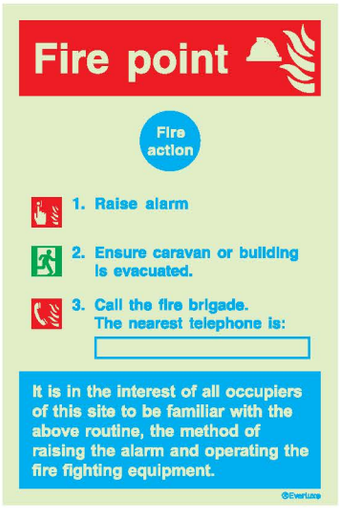
Procedures in case of emergency

Fire action notices give clear instructions to all staff and public of the correct procedures in case of emergency. They should be prominently installed in key locations, e.g. above fire alarm call points, reception areas, lifts, etc.

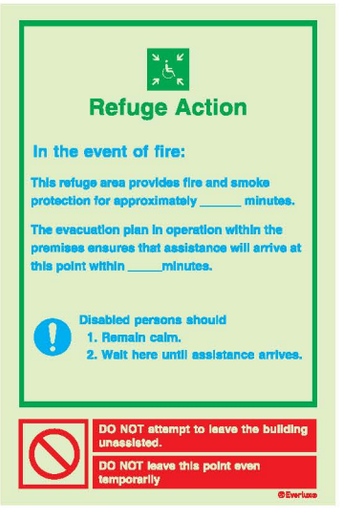
(mm)
150x200
200x300



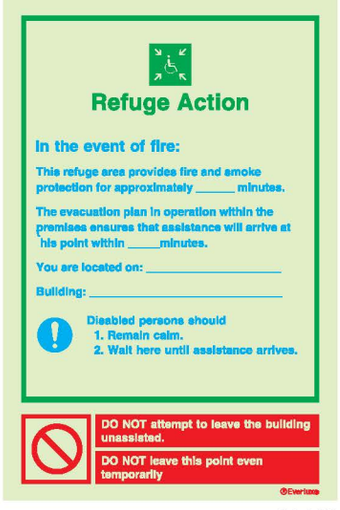
83 379



83 380

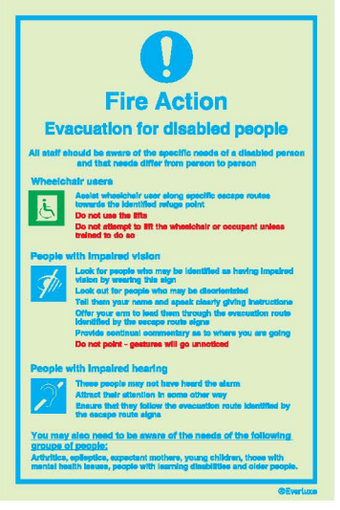


83 381



83 382

83 383



83 384

(mm)
200x150
300x200

83 385

Safety Notices

(mm)
300x400
400x600

83 401 83 402 83 403

83 404 83 405 83 406

83 407 83 408 83 409

83 410 83 411 83 412

Escape Plans
In accordance with BS ISO 23601:2020

The BS ISO 23601:2020 standard establishes design principles for displayed Escape Plans that contain information relevant to fire safety, escape, evacuation and rescue of the facility's occupants. These plans may also be used by intervention forces in case of emergency and are intended to be displayed as signs in public areas and workplaces. The Escape Plans shall be designed in accordance with the evacuation strategy of the facility (and address the specific needs of the occupants of the premises or part thereof.)

Escape Plans for hotels, schools, shopping centres, hospitals...

Escape Plans are a fundamental complement to safety signs. They illustrate the escape route and building layout and help to educate users of a building in the correct actions to adopt in an emergency situation. Escape Plans shall be located so that they are conspicuous in their environment of use and sited to ensure that they are accessible and readable to the intended user. Escape Plans shall be permanently fixed and are intended to be located:

a) At positions where occupants can learn the means of escape and
b) At strategic points of the escape route:

- On every floor at primary entry points to the building;
- Halls and corridors;
- Near lifts and stairs;
- In every room, e.g. hotel rooms;
- At appropriate training points, e.g. cafeterias, office centres, meeting rooms, etc
- At principal junctions and intersections.

To comply with current legislation, employers should plan for emergencies, and give appropriate training to their staff, providing a full range of escape plans. Everlux® Escape Plans are oriented to ensure perfect guidance in an emergency situation. They are designed to offer clear instruction by using symbols for escape routes, location of fire and alarm equipment, and safety instructions.

PH ISO

(mm)
400x300
600x400
900x600

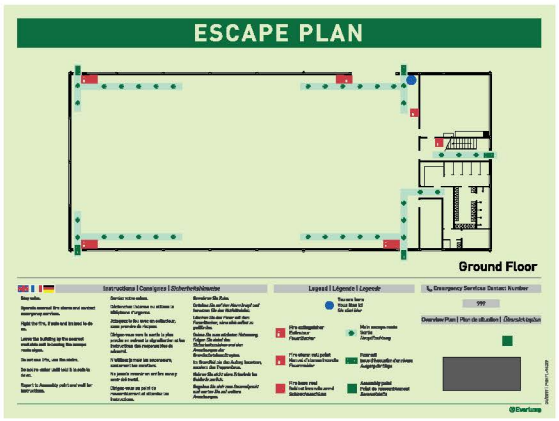
ESCAPE PLANS

Evacuation plans for hotels, schools, shopping centres, hospitals...

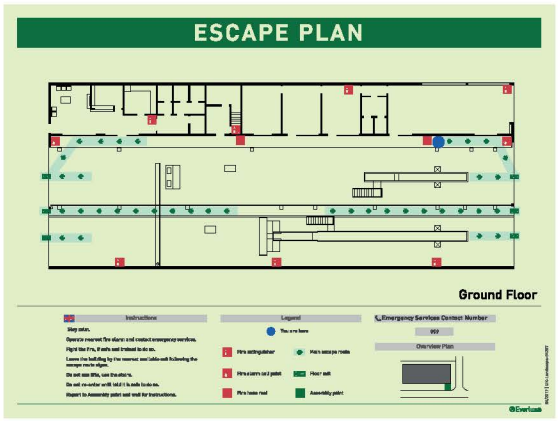
Where emergency lighting is not provided in case of failure of the normal lighting or where a photoluminescent safety way guidance system according to BS ISO 16069 is provided, Escape Plans comprising photoluminescent materials shall be used. In all cases, the photoluminescent materials shall be no less than classification C according to BS ISO 17398.
If directional instructions are to be given from a specific "You are here" point, such directional information shall be convoyed by the use of an arrow (indicating the direction of movement of people) and the directional arrows shall be in safety green.
The escape routes shall be highlighted in light green to ensure a good and quick identification of the escape route to follow. In buildings that receive foreign public, the safety instructions and symbols will be presented in English and in a second language. If required, a third language may be considered, associating the symbol of the flag to each language.

(mm)
400x300
600x400
900x600

PH VFL



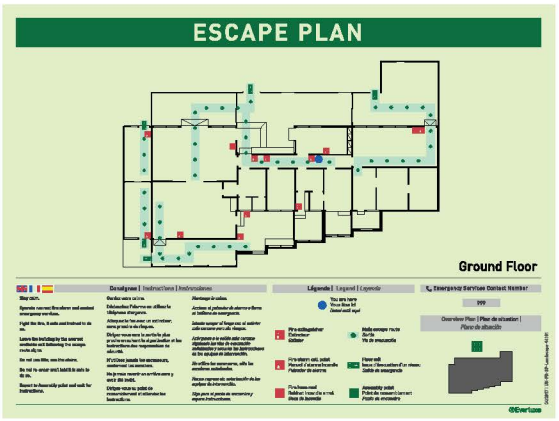
PH HFL



PH HUK

PH VUK

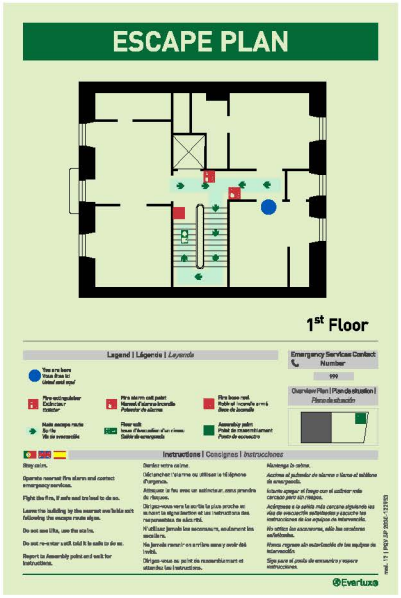
PH VES



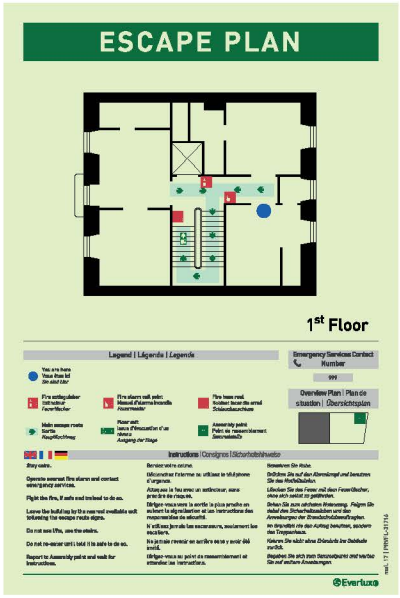
PH HES

Escape Plans for hotels and residential care homes (4 Languages)

Everlux® Escape Plans in a 200x300mm format are appropriate for hotel rooms, guest house rooms, and care homes providing information regarding escape routes, location of fire equipment and safety instructions for guests and occupants.



PR VFE



PR VFL

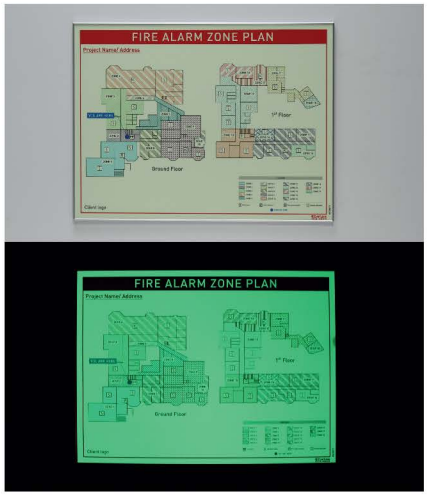
(mm)
200x300

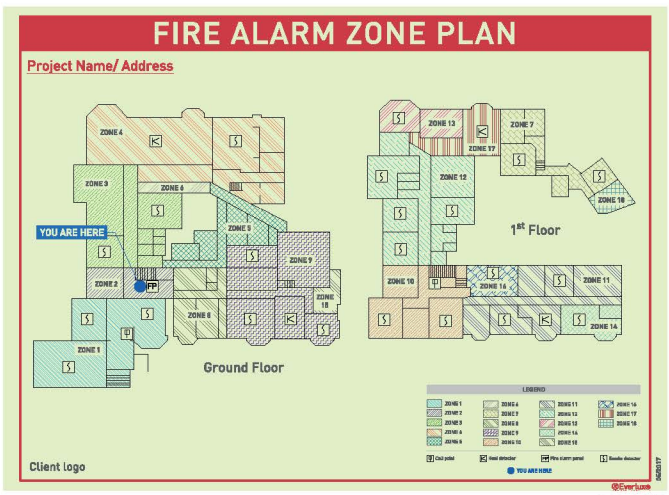
For full details on Everlux® Frames please see pages 120 and 121.

Alarm Zone Plans

BS 5839-1:2017 Fire detection and fire alarm systems for buildings – Part 1: Code of practice for design, installation, commissioning and maintenance of systems in non-domestic premises has made clear reference to the need for an alarm zone plan to be positioned in close proximity to the alarm system's control and indicating equipment (CIE). The Standard clearly states that the absence of an alarm zone plan should be considered to be a "major area of non-compliance" and that "in at least one multiple-fatality fire, it has been determined that some or all of the deaths could have been avoided if a diagrammatic representation of the premises (commonly described as a zone plan) had been provided in close proximity to the CIE."

Everlux® Alarm Zone Plans are a diagrammatic representation of a building, showing specific topographic information, the building entrances, the main circulation areas and the division of the building into detection zones and can also feature additional details including the location of manual call-points, heat & smoke detectors, sounders and the position of the CIE panel within the building. They are designed to offer clear, instant understanding of the building layout and the location of specific alarm zones within it and can "enable fire-fighters, unfamiliar with the building, to proceed to the location of the fire". Everlux® alarm zone plans should be located in close proximity to all CIE panels including any repeat panels.





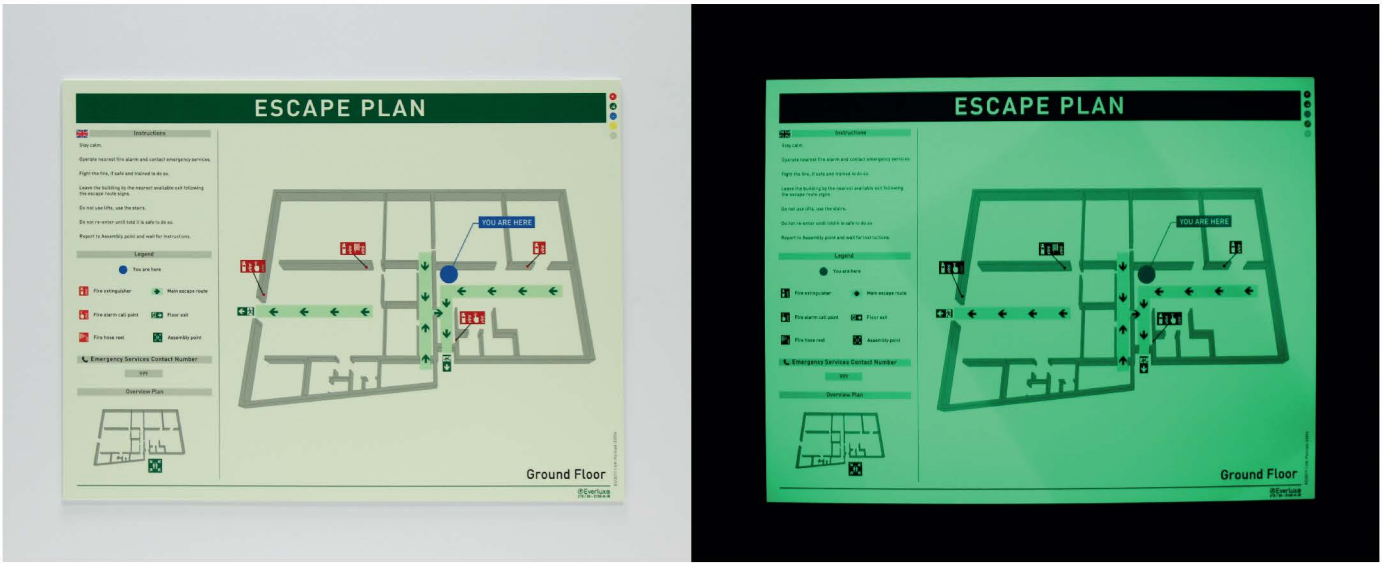
PH AZP

(mm)
400x300
600x400
900x600

ESCAPE PLANS

3D Escape & Alarm Zone Plans

Everlux Escape and Alarm Zone Plans are now available in 3D. Using state of the art software, we are able to render 2D drawings into 3D plans that show all salient details with even greater clarity. The 3D viewpoint allows the observer to orientate themselves and identify key information far more readily than traditional 2D plans.



(mm)
400x300
600x400
900x600

PH 3DV

PH 3DZ

Fire door signs

(mm)
(*)80x80
100x100
150x150
200x200
(**)300x300

83 501

83 502

83 503

83 504

83 505

83 506

(*)(**) Also available in this size

To reduce the risk of an escape route being obstructed, the appropriate mandatory signs are required by law to be permanently fixed to all fire doors.

83 507

83 508

83 509

(*) 83 510

(**) 83 511

(**) 83 512

(**) 83 513

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83 515

(**) 83 516

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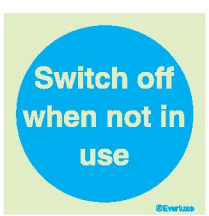
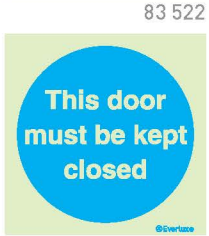
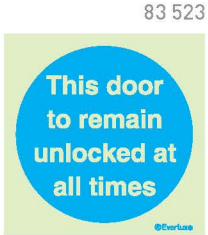
(**) 83 525



83 526



83 527



83 528

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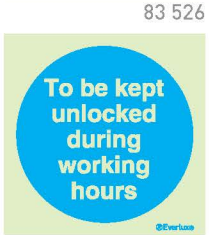
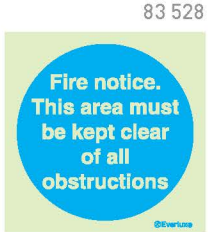
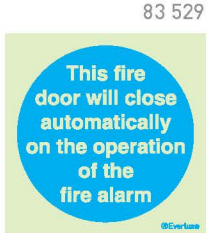


83 531

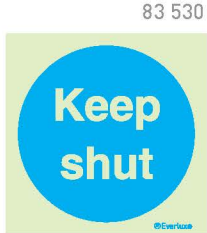

83 532



83 533



83 534



83 535

83 536

Fire door signs

(mm)
200x70(*)
300x100
400x150
600x200(**)

(*)(**) Also available in this size

83 600

(*) 83 601

83 602

83 603

83 604

83 605

83 606

(*) 83 607

(*) 83 608

(*) 83 609

(*) (**) 83 610

(*) (**) 83 611

83 612

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83 614

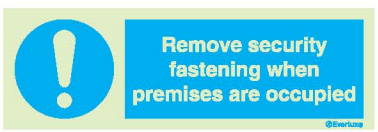
(**) 83 615

83 616

83 617

83 618

83 619



83 620

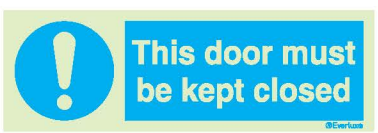
83 621

83 622

83 623

83 624

83 625



83 626

83 627

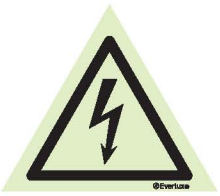
(*) 83 628

(**) 83 629

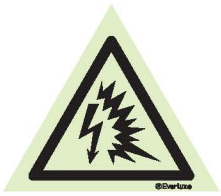
83 630

To reduce the risk of an escape route being obstructed, the appropriate mandatory signs are required by law to be permanently fixed to all fire doors.

Hazard and warning signs


(*) 84 001


84 002


84 003

(mm)
100x100
150x150
200x200
(*)300x300

(*) Also available in this size


84 004


84 005


84 006


84 007


84 008


(*) 84 009


84 010


84 011


84 012

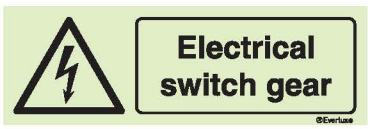

84 013

For industrial equipment self-adhesive signs please see page 77.

(*) 84 051

84 052

84 053



(*) 84 054

84 055

84 056

(*) 84 057

(*) 84 058

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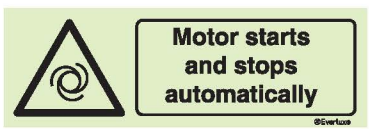
84 064

84 065

84 066

84 067



84 068

84 069

84 070

84 071

(mm)
300x100
400x150
(*)600x200

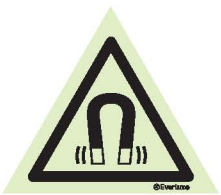
(*) Also available in this size

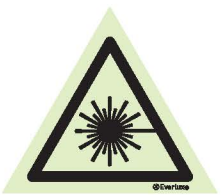
Hazard and warning signs

(mm)
100x100
150x150
200x200
300x300(*)

(*) Also available in this size


84 101


84 102


84 103


84 104


84 105


(*) 84 106

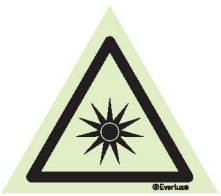

84 107


84 108


84 109


84 110


84 111


84 112


84 113

84 114


84 115

(mm)
300x100
400x150
600x200(*)

(*) Also available in this size

(*) 84 151

84 152

84 153

84 154

84 155

84 156

84 157

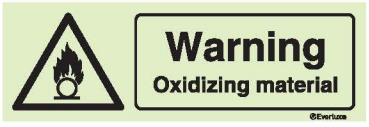
84 158

84 159

84 160

84 161

(*) 84 162

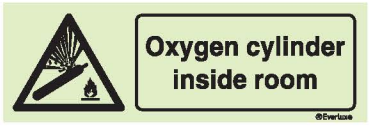


84 163

84 164

84 165

84 166



84 167

84 168

Hazard and warning signs

84 169

84 170

84 171

(mm)
300x100
400x150
(*)600x200

(*) Also available in this size

84 172

84 173

84 174

CCTV signs

84 181

84 182

(mm)
150x200
200x300
300x400

84 183

84 184

84 185

An aluminium option is available for this range

84 191

84 192

84 193

(mm)
150x150
200x200
300x300

An aluminium option is available for this range

MANDATORY SIGNS

Personal protective equipment (PPE) and industrial equipment signs

(mm)
100x100
150x150
200x200
300x300(*)

(*) Also available in this size

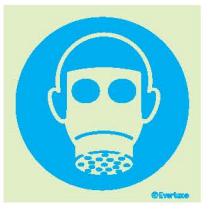
To ensure the correct use of personal protective equipment (PPE), Mandatory Signs must be used. Mandatory actions must be marked with Mandatory signs.

For industrial equipment self-adhesive signs please see page 77.


(*) 84 201


(*) 84 202


(*) 84 203

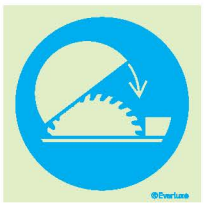

(*) 84 204


(*) 84 205


(*) 84 206


(*) 84 207


84 208


84 209


84 210


84 211

(mm)
300x100
400x150
600x200(*)

(*) Also available in this size

(*) 84 251

84 252

(*) 84 253

84 254

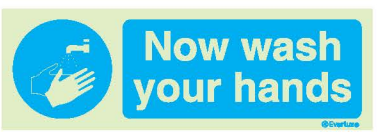
(*) 84 255

84 256

(*) 84 257

(*) 84 258

(*) 84 259



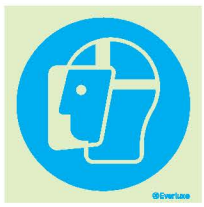
84 260

84 261

(mm)
800x300

8C 101

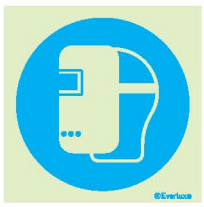
Personal protective equipment (PPE) and industrial equipment signs

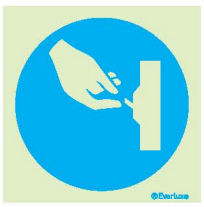

84 301


(*) 84 302


84 303


(*) 84 304


(*) 84 305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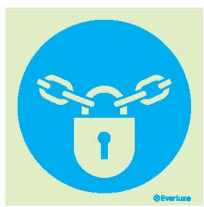
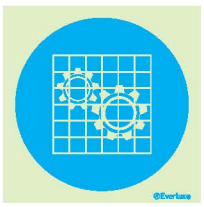
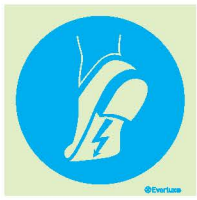

(*) 84 307


84 308


84 309


84 310

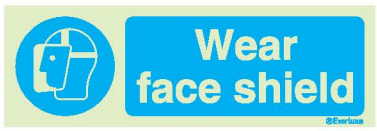

84 311


84 312

(mm)
100x100
150x150
200x200
(*)300x300

(*) Also available in this size

For industrial equipment self-adhesive signs please see page 77.

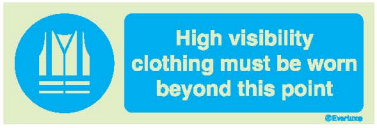


84 351

84 352

84 353

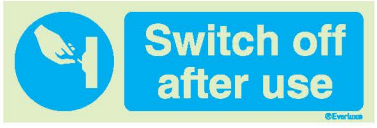
(*) 84 354



84 355

84 356

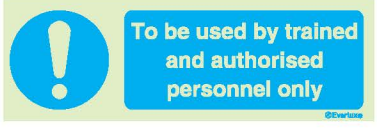
(*) 84 357



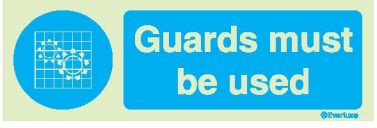
84 358

(*) 84 359

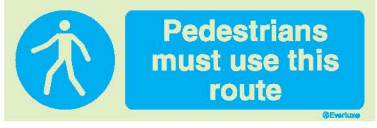
84 360



84 361



84 362



84 363

(mm)
300x100
400x150
(*)600x200

(*) Also available in this size

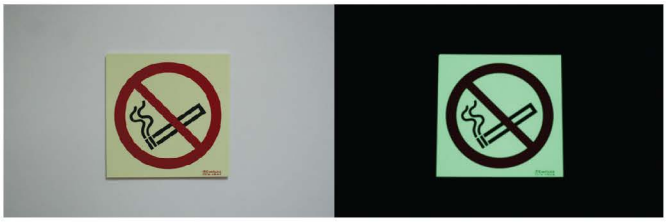
To ensure the correct use of personal protective equipment (PPE), Mandatory Signs must be used. Mandatory actions must be marked with Mandatory Signs.

Signs prohibiting actions

(mm)
100x100
150x150
200x200
300x300(*)


(*) 84 401

(*) 84 402



(*) Also available in this size


84 403


84 404


84 405


84 406


(*) 84 407

For industrial equipment self-adhesive signs please see page 77.


84 408


84 409


84 410


84 411


84 412

(mm)
300x100
400x150
600x200(*)

(*) 84 451

84 452

(*) Also available in this size

84 453

84 454

84 455

84 456

84 457

(*)84 458

84 459

84 460

84 461

84 462

84 463

84 464

Prohibiting dangerous behaviour limits potential risks.

84 465

84 466

84 467

Signs prohibiting actions

(mm)
100x100
150x150
200x200
300x300


84 501


84 502


84 503


84 504


84 505


84 506


84 507


84 508


84 509


84 510


84 511


84 512


84 513


85 514

For industrial equipment self-adhesive signs please see page 77.

(*) 84 551

(mm)
300x100
400x150
(*)600x200

(*) Also available in this size

(*) 84 552

84 553

(*) 84 554

84 555

84 556

84 557

84 558

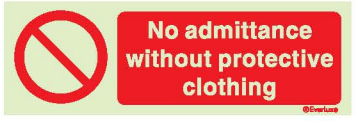
84 559

84 560

84 561

84 562

84 563



84 564

84 565

84 566

84 567

84 568

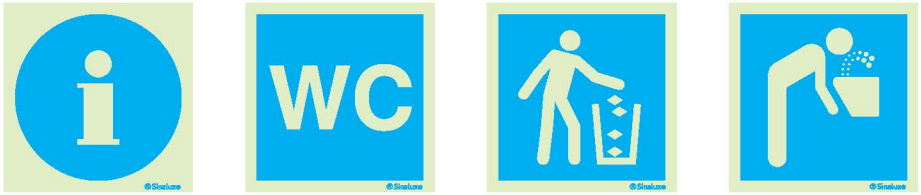
84 569

Prohibiting dangerous behaviour limits potential risks.

Public information signs

(mm)
100x100(*)
150x150
200x200
300x300

(*) Also available in this size



84 701 84 702 84 703 84 704

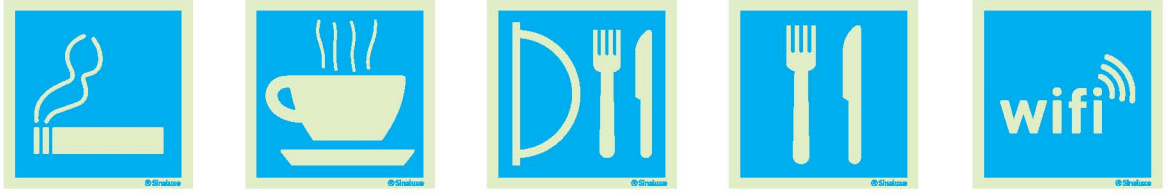
84 705 84 706 84 707 84 708 84 709

84 710 84 711 84 712 84 713 84 714

84 715 84 716 84 717 84 718 84 719

84 720 84 721 84 722 84 723 (*) 84 724

84 725 84 726 84 727 84 728 (*) 84 729



84 730 84 731 84 732 84 733 84 700

Public information signs

(mm)
150x150

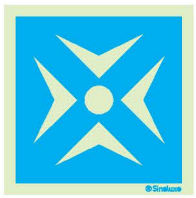

84 751

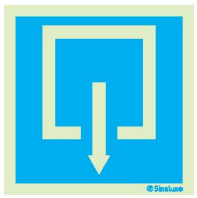

84 752


84 753

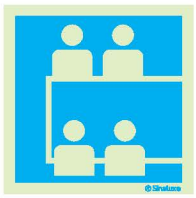
(mm)
150x150
200x200
300x300


84 734


84 735


84 736


84 737

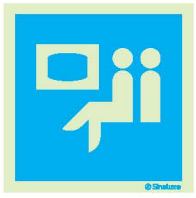

84 738


84 739


84 740


84 741


84 742


84 743


84 744


84 745


84 746

(mm)
200x100
300x150
400x200

84 795

84 796

84 797

84 798

84 799

84 800

84 801

84 802

84 803

84 804

84 805

84 806

84 807

84 808

84 809

(mm)
75x150
100x200
150x300
200x400

84 850

84 851

84 852

84 853

84 854

84 855

84 856

84 857

84 858

84 859

Signs for wind turbines

Wind power is a natural form of energy production that develops constantly, largely due to its renewable and inexhaustible nature. Unlike most other energy resources, wind power is a "clean" energy resource that does not require the combustion of pollutant waste or the destruction of natural resources.

In the UK, wind farms supply an increasingly significant contribution to the National Grid and this is reflected by the proliferation of wind turbines, both on land and around the coastline of the UK. A wind turbine is a large, technical, highly engineered structure which requires special safety considerations during all stages of its lifespan including manufacture, transportation, installation, operation and maintenance. Despite being remotely controlled, the isolated and remote location of many wind turbines often results in catastrophic destruction when an accident occurs, particularly fire.

However, the greatest likelihood of a fatal incident is during the installation and subsequent maintenance of a wind turbine. The requirement for High Access working means that, although exceptionally rare, falls can and do occur and are often fatal. This is further exacerbated by the lengthy time it takes emergency aid to reach the remote wind turbine locations.

Everlux® are acutely aware of the special safety requirements that apply to wind turbines and as such they have developed a range of signs that are specifically designed to meet the requirements of this unique industry. The range of signs is intended to convey Information, Warning, Prohibition and Mandatory messages that contribute to an increased awareness and understanding of the safety measures required, thereby reducing the risk of an accident.

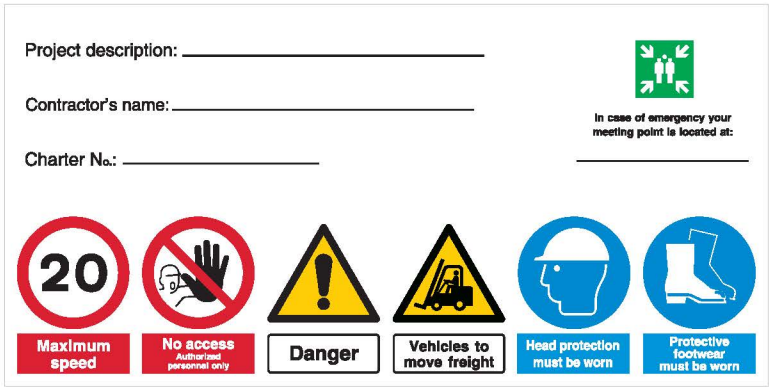
This range of signs has also been specifically developed to ensure that they fully comply with all existing legislation standards and with the material specifications that apply to wind turbines.

Wind turbine signs

(mm)
600x600(*)
1200x600

(*) Only available in this size

Only available in rigid plastic and aluminium.



86 601

(*) 86 602

Hazard and warning signs

86 605

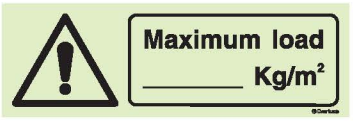
86 606

86 607

86 608

(mm)
Diam. 80

Self-adhesive signs supplied in sheets of 12 units.



86 609

(mm)
300x100

86 610

86 611

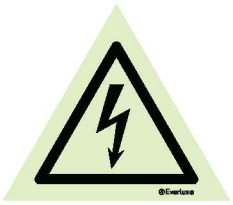
86 612

86 613

86 614

86 615

Only available in self-adhesive vinyl.



86 617

86 618

(mm)
base 150
base 200

Only available in self-adhesive vinyl.

86 619

(mm)
200x300
300x400

Only available in rigid plastic and aluminium.

Prohibition signs

(mm)
Diam. 80

Self-adhesive sign supplied in sheets of 12 or 6 units.

86 631

(mm)
300x100

Only available in self-adhesive vinyl.

86 632

86 633

86 634

(mm)
200x200

Magnetic sign

86 635

Mandatory and personal protective equipment signs (PPE)

(mm)
Diam. 80

Self-adhesive signs supplied in sheets of 12 units

86 641

86 642

86 643

86 644

86 645

86 646

(mm)
300x100

Only available in self-adhesive vinyl.

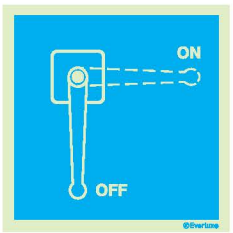
86 647

Manually operated device signs

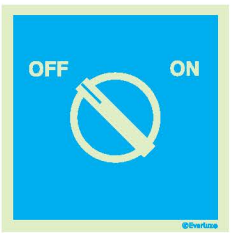
(mm)
150x150
200x150(*)

(*) Only available in this size

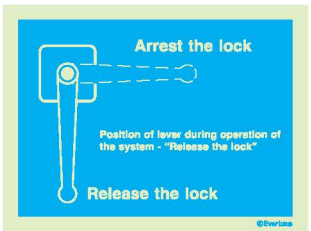
Only available in self-adhesive vinyl.



86 651

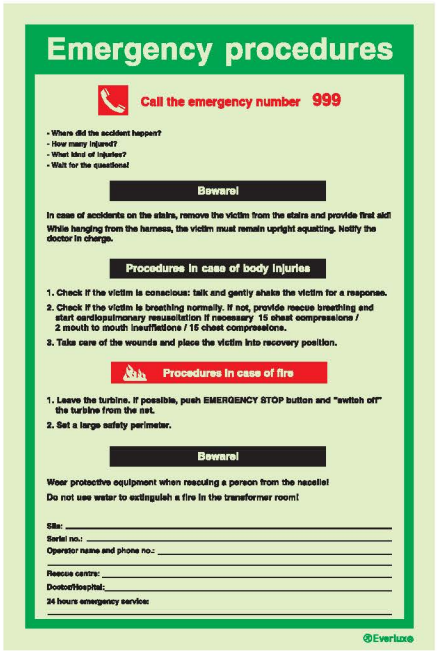


86 652

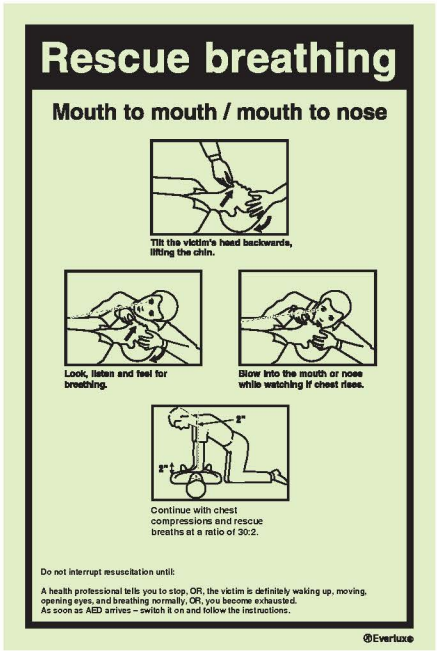


(*) 86 653

Safety procedure notices



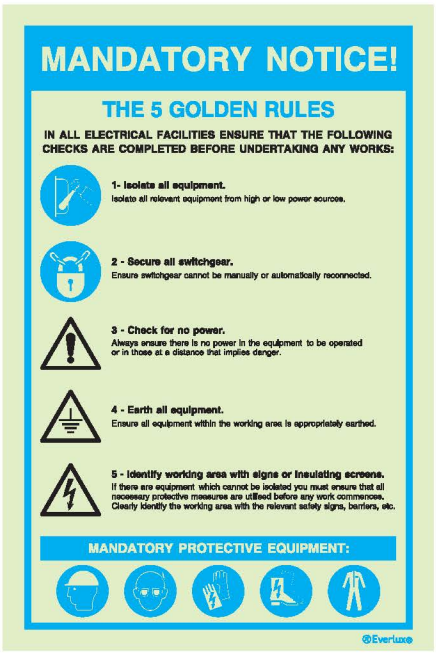
86 661



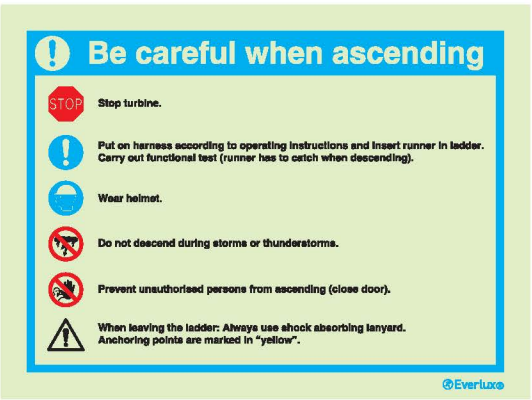
86 662

(mm)
200x300

Only available in self-adhesive vinyl.



(*) 86 663



86 664

(mm)
200x150
(*)200x300

(*) Only available in this size

Only available in self-adhesive vinyl.

First aid, fire extinguisher and no entry signs

86 671

86 672

86 673

(mm)
150x150
200x200
300x300
400x400
600x600

Only available in self-adhesive vinyl.

PIPE CONTENT IDENTIFICATION

BS 1710:2014 - Specification for identification of pipelines and services

Length
25mm

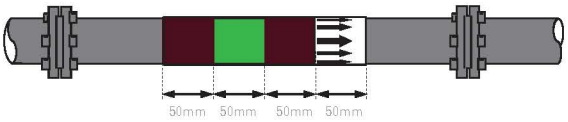
Width
50mm

"Identification of pipes conveying fluids in above ground installations and on board ships on a generic basis. It also includes ducts for ventilation and conduits used for carrying electrical services."
British Standard BS 1710 prescribes that any pipeline that conveys potentially dangerous liquids or substances within the workplace must be properly marked by using a colour coded identification system to accurately identify the contents of pipes, conduits, and ducts. The implementation of this Standard will help to reduce the risk of possible confusion, injury, or any other potentially dangerous incidents.
However, BS 1710 also provides for the option of using user defined supplemental colours for 'other liquids' and specifies marking for ventilation ducts and electrical conduits. The Standard also specifies the pipe marking for medical gases and refrigerants.

Fluid	Colour		Ref.
Unidentified liquids	Black		84 971
Air	Blue		84 972
Combustible or non-combustible liquids	Brown		84 973
Water	Green		84 974
Combustible or non-combustible gases	Yellow ochre		84 975
Steam	Silver		84 976
Fire fighting	Red		84 977
Acids, alkalis	Violet		84 978
Electricity	Yellow		84 979
Flow arrows	-		84 980

The BS 1710 pipe marking standard only applies to pipes carrying fluids that are located above ground and to generic pipes on ships. It requires that, at a minimum, pipe marking must be located on both sides of valves, service appliances, bulkheads, wall and floor penetrations, as well as any other place pipe contents identification is needed.
BS 1710 specifies two types of colour coding - Basic Identification Colours and Safety Colours. Decorative or protective coatings on pipes may not use any of these colours.

Everlux® provides a cost-effective system for marking pipelines and their contents which is comprised of single colour self-adhesive vinyl rolls of tape. The system requires a base colour to identify a general media group with additional colours to identify specific pipe content. This system is used in tandem with flow direction indicators to accurately mark the pipeline, its content and flow direction.



Recommended sizes

(mm)
400x30

HFC-227 ea	HFC-227 ea	HFC-227 ea	IG 55	IG 55	IG 55			
		84 991			84 992			
HFC-23	**HFC-23**	**HFC-23**	**CO_2**	**CO_2**	**CO_2**	**IG-541**	**IG-541**	**IG-541**
		84 993			84 994			84 995

Also available in photoluminescent vinyl

Aluminium Signs

ALUMINIUM SIGNS

Aluminium photoluminescent safety signs

(mm)
200x200
300x300
400x400
600x600

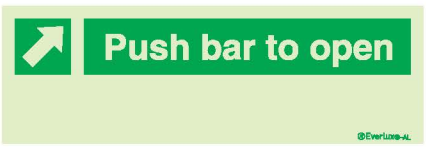

85 101


85 102

(mm)
300x400
400x600
600x200(*)

(*) Only available in this size

85 121



(*) 85 151

(mm)
400x200


85 131


85 157


85 158


85 132


85 135


85 136


85 137


85 138

(mm)
200x200
300x300
400x400


85 161


85 162


85 163


82 353

(mm)
600x400

85 171

85 172

(mm)
400x150

85 201

85 202

85 203

(mm)
400x400
600x200(*)

(*) Only available in this size

85 221

85 222

(*) 85 251

Combination signs identifying hazards and mandatory or prohibitive actions

85 261

85 262

85 263

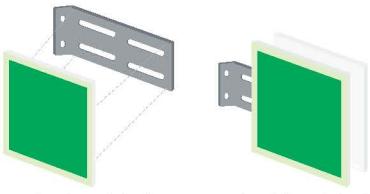
85 264

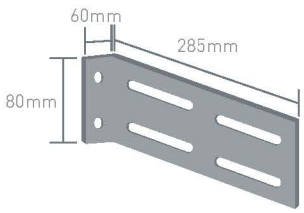
(mm)
300x300

85 271

(mm)
400x600

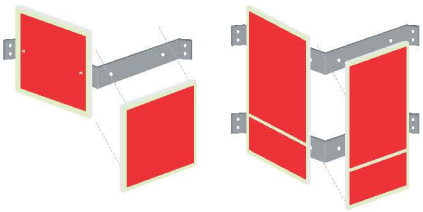
Aluminium accessories for aluminium Type 2 and for Panoramic signs

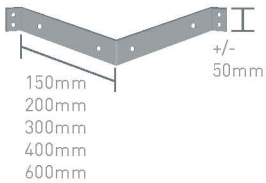




86 500

Everlux®-AL types of application can be:
Type 2 - Perpendicular wall mounted sign fixed to an appropriate bracket;





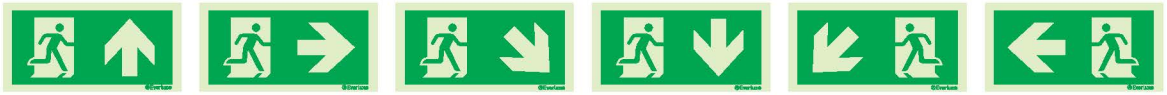
86 501

Type P - Panoramic signs are comprised of two signs mounted on an aluminium frame at a 90 degree angle.

Self-Adhesive Signs

BS ISO 7010 escape route signs

(mm)
300x150
400x200



80 091Z | 80 093Z | 80 094Z | 80 095Z | 80 097Z | 80 098Z

British Standard escape route signs with supplementary text

(mm)
300x100
400x150

80 001Z | 80 003Z | 80 004Z
80 005Z | 80 007Z | 80 008Z | 80 012Z
80 063Z | 80 064Z | 80 065Z | 80 066Z

British Standard composite escape route signs

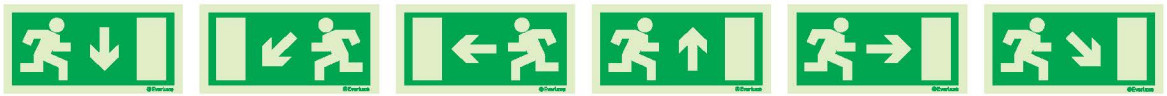
(mm)
100x100(*)
150x150

(*) Also available in this size

80 075Z | (*) 80 077Z | (*)80 078Z | 80 079Z | 80 080Z | 80 022Z

European Council Directive 92/58/EEC escape route signs

(mm)
300x150



80 121Z | 80 123Z | 80 124Z | 80 126Z | 80 129Z | 80 130Z

Escape route signs for people with reduced mobility

(mm)
150x150(*)
150x200

(*) Only available in this size

(*) 80 173Z | 80 175Z | 80 176Z

British Standard with supplementary text

(mm)
150x400

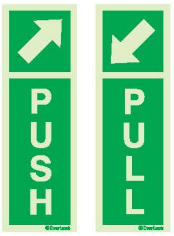
80 281Z | 80 283Z | 80 285Z | 80 287Z

BS ISO 7010

80 371Z 80 373Z 80 375Z 80 377Z

(mm)
150x300

Door mechanism signs



80 475Z 80 476Z

(mm)
70x200
100x300

80 479Z 80 480Z 80 481Z 80 482Z 80 486Z 80 487Z 80 488Z 80 489Z

(mm)
100x100
150x150

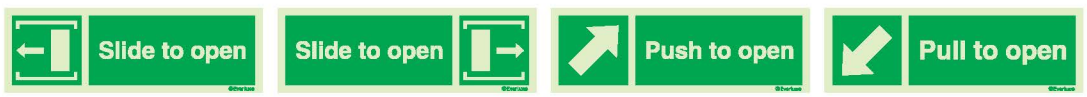
80 491Z 80 492Z 80 493Z 80 494Z 80 495Z 80 496Z 80 498Z

(mm)
150x200

80 501Z 80 502Z (*) 80 503Z (*) 80 504Z

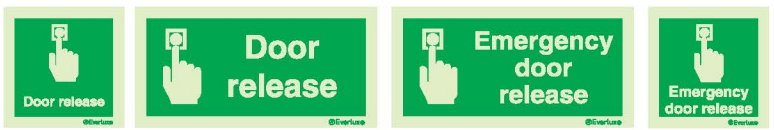
(mm)
100x240
(*)100x100

(*) Only available in this size



80 521Z 80 522Z 80 523Z 80 524Z

(mm)
300x100



(*) 80 536Z (**) 80 532Z (**) 80 531Z (*) 80 535Z

(mm)
(*)100x100
(**)200x100

(*)(**) Only available in this size

SELF-ADHESIVE SIGNS

Door mechanism signs

(mm)
300x100
400x120
600x200

80 515Z

(mm)
40x40(*)
80x80(*)
100x100(*)
150x150(*)
200x50

(*) Only available in this size

(*) 80 490Z

80 511Z

Fire extinguisher, fire hose reel, and fire blanket signs

(mm)
100x100
150x150

82 001Z | 82 003Z | 82 006Z | 82 353Z | 82 355Z | 82 354Z | 82 358Z

(mm)
150x200
200x300

82 022Z | 82 028Z | (*) 82 423Z | (*) 82 425Z

Identification ID signs for fire extinguishers, fire hose reels and fire blankets

(mm)
75x200

82 201Z | 82 202Z | 82 203Z | 82 204Z | 82 207Z | 82 209Z

82 210Z | 82 214Z | 82 215Z | 82 216Z | 82 217Z | 82 218Z | 82 219Z

Identification ID signs for fire extinguishers, fire hose reels and fire blankets

(mm)
150x100
200x150

82 221Z

82 222Z

82 223Z

82 224Z

82 227Z

82 229Z

82 230Z

82 234Z

82 235Z

82 236Z

82 237Z

82 238Z

82 239Z

Do not use lift signs

(mm)
150x200

82 450Z

82 452Z

Warning signs

(mm)
300x100

84 051Z

84 060Z

84 062Z

84 151Z

84 152Z

84 161Z

84 166Z

84 167Z

84 170Z

Prohibition signs

(mm)
300x100

84 451Z

84 452Z

84 551Z

84 552Z

84 555Z

84 561Z

84 569Z

Photoluminescent fire extinguisher identification labels

(mm)
128x49

85 001Z | 85 002Z | 85 003Z

85 004Z | 85 005Z | 85 006Z

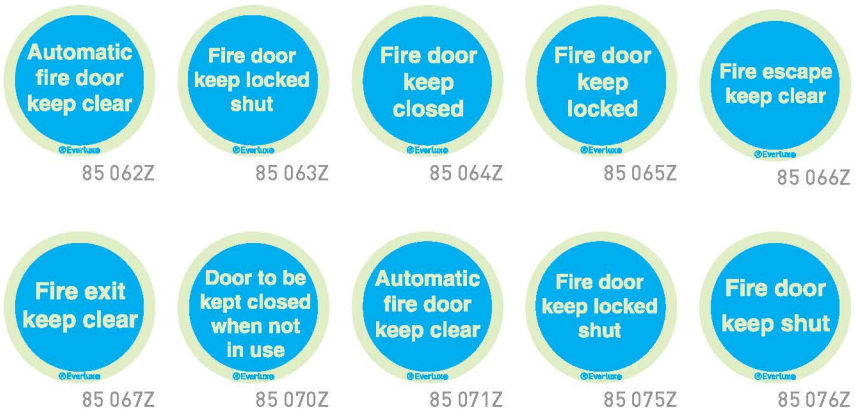
85 007Z | 85 008Z | 85 009Z

Fire door signs

(mm)
100x100
150x150
200x200
300x300

83 501 | 83 505 | 83 507
83 508 | 83 509 | 85 510 | 85 511 | 85 512

(mm)
Diam. 80



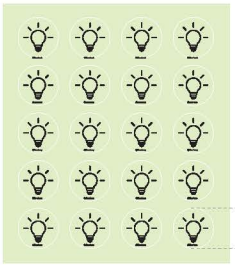
85 062Z | 85 063Z | 85 064Z | 85 065Z | 85 066Z
85 067Z | 85 070Z | 85 071Z | 85 075Z | 85 076Z

Pack 10 units

Safety signage for industrial equipment

(mm)
Diam. 30

85 081Z



Self-adhesive photoluminescent signs to identify switches

Provided in sheets with 10 or 20 units.

Safety signage for industrial equipment

These stickers are intended for industrial use and are a practical way of identifying the risks and the actions required when using machines and equipment. The stickers are produced on flexible self-adhesive vinyl and are supplied in sheets of 9 or 18 stickers.

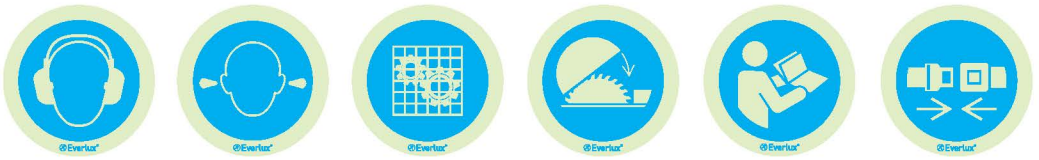
[mm]
Diam. 60

85 301Z 85 302Z 85 303Z 85 304Z 85 305Z

85 306Z 85 307Z 85 308Z 85 309Z 85 310Z 85 311Z

[mm]
Diam. 60

85 321Z 85 322Z 85 323Z 85 324Z 85 325Z 85 326Z



85 327Z 85 328Z 85 329Z 85 330Z 85 331Z 85 332Z

[mm]
Diam. 60

85 341Z 85 342Z 85 343Z 85 344Z 85 345Z 85 346Z

85 347Z 85 348Z 85 349Z 85 350Z 85 351Z 85 352Z

[mm]
Diam. 60

85 353Z 85 354Z 85 355Z 85 356Z 85 357Z

Everlux®-LLL

LOW LOCATION LIGHTING SYSTEM

Normative and legal framework

The LLL sign system (Low Location Lighting) was originally regulated by Norms associated with areas of high risk such as Aviation - (FAA in 1984) and Maritime – (IMO in 1989). After 1999 with the development of new photoluminescent technologies, several other areas have adopted them and have initiated their Normative process. At present, the Standard BS ISO 16069 (SWGS - Safety Way Guidance System) defines the whole photoluminescent Safety Sign System at all levels.

Relevant Standards	BS ISO 16069	SWGS - Safety Way Guidance Systems
	NFPA	Code 101 (Signs and Evacuation Routes)
	IMO Resolution A:752 (18) and ISO 15370	Ships and Marine Technology
	BS ISO 3864 and BS EN ISO 7010	Symbols and Colours in Safety signs

Installation

Everlux®-LLL System for walls - Signs and strips

The strips and sign systems can be applied directly to the wall either by adhesion (Everlux® adhesive is recommended) or by being installed with a vandal proof aluminium rail screwed to the wall. The installation of the Everlux®-LLL system should ideally be done in a continuous manner and on both sides whenever the corridor width exceeds 2m.

If the width of the corridor is less than 2m, it is recommended that the Everlux®-LLL system is installed on one wall/side only. If there is fire-fighting equipment positioned within the corridor the Everlux®-LLL system should be installed on the same wall/side that it is situated. However, in the absence of fire-fighting equipment, the Everlux®-LLL system should then be installed on the wall/side where emergency exits (if any) are present. When installed, the horizontal strips of the Everlux®-LLL system should be positioned at a height no greater than 300mm. The vertical strips of the Everlux®-LLL system (which are used to indicate the presence of an exit door) should be situated on the same side as the door opening mechanism with the top, additional symbol element of the strip parallel to it.

Everlux®-LLL System for floors and stairwells - Signs and self-adhesive strips

When applying the Everlux®-LLL system to floors or stairwells, it is recommended that all surfaces are prepared thoroughly beforehand. The receiving surfaces should be clean and free from all dust, debris and grease. It is advised that an appropriate cleaning agent is used.

Technical characteristics

Signs and strips for walls: 2mm rigid-plastic, with a high intensity photoluminescence achieved by stimulation using a surrounding light of only 25 lux.
Strips and signs for pavements and stairs: Self-adhesive and non-slip polycarbonate 0.3mm thick. High intensity photoluminescence is achieved by stimulation using a surrounding light of only 25 lux.
Printing process: Serigraphy, high-quality gloss paint UV resistance.
Surface: Anti-static and easy to clean. The photoluminescent self-adhesive signs and strips Everlux®-LLL products are also classified as anti-slip.
Chemical characteristics: Non-radioactive with no phosphorous or lead.
Performance values:

Minimum luminance properties when tested in accordance with Annex A of BS ISO 16069:

Luminance properties: Considering the stimulation of a 1000Lux - 6500K light for 5 minutes.			
Norms	Luminance Intensity (mcd/m²) (after removing the exciting light)		Period of Light Decay
	10 minutes	60 minutes	Luminance Intensity greater than a 0.3 mcd/m²
BS ISO 16069	140 mcd/m²	20 mcd/m²	1800 minutes
Everlux®-LLL	150 mcd/m²	21 mcd/m²	2000 minutes

The luminance intensity of the non-slip self-adhesive strips on the floor may be lower due to the protective layer of polycarbonate.

Minimum luminance required in installed position in accordance with BS ISO 16069:

Luminance properties: Considering the stimulation of a 25Lux - 4000K light for 15 minutes.			
Norms	Luminance Intensity (mcd/m²) (after removing the exciting light)		
	10 minutes	60 minutes	90 minutes
BS ISO 16069*	30 mcd/m²	7 mcd/m²	5 mcd/m²
Everlux®-LLL	80 mcd/m²	10 mcd/m²	5.5 mcd/m²

*Minimum luminance required in installed position.
The luminance intensity of the non-slip self-adhesive trips on the floor may be lower due to the protective layer of polycabonate.

Low Location Lighting system

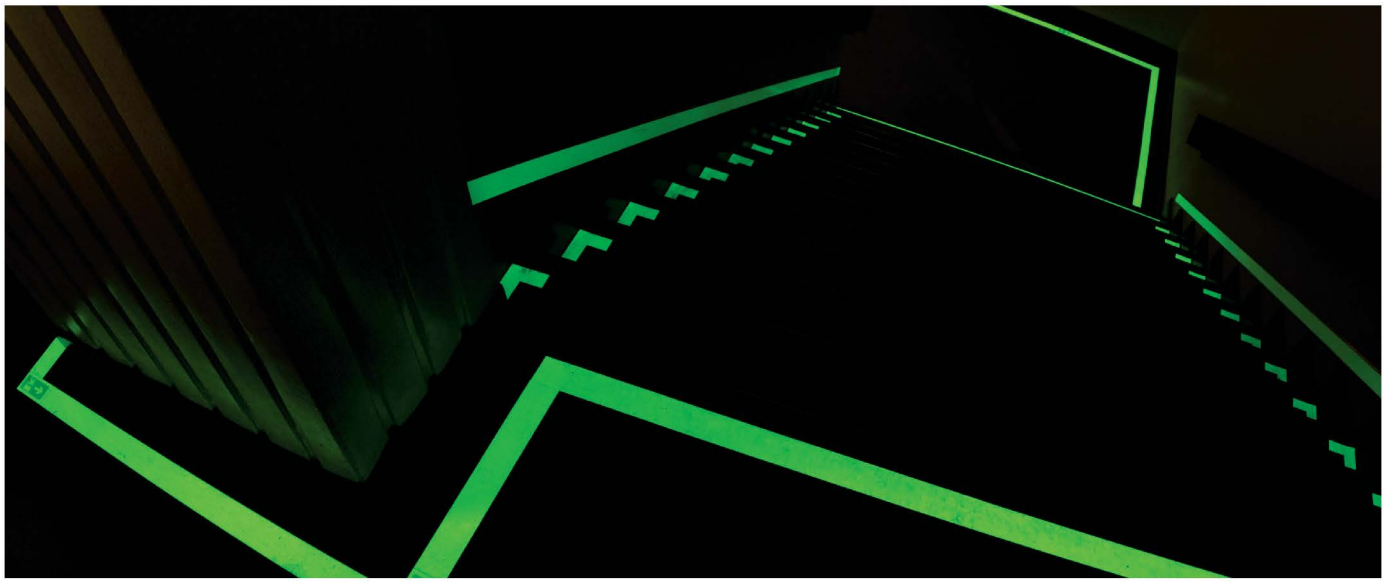
When a fire occurs, smoke is a very serious consequence which demands careful consideration. The intoxicating nature of smoke and the potential for panic highlights the paramount importance of a quick and efficient evacuation from an affected area. Smoke rises and this inherent fact can seriously hamper an occupant's ability to evacuate a building using traditional high located escape route signage.

The installation of an **Everlux®-LLL** system will allow potentially life-saving equipment and evacuation routes to be readily identified (at a low level below rising smoke) and for them to remain clearly visible at all times. The system is designed to clearly identify fire-fighting equipment and evacuation routes at all times thereby enhancing the escape conditions and helping to significantly reduce the risk of panic and any tragic loss of life.

The **Everlux®-LLL** system is designed to be installed in conjunction with other **Everlux®** signage systems at the Intermediate and High levels as recommended by BS ISO 16069.

The **Everlux®-LLL** system meets the stringent requirements of the IMO (International Maritime Organization) and is also in accordance with ISO Norms (International Organization for Standardization).

The **Everlux®-LLL** system has been specifically developed to ensure high levels of visibility at all times and in areas that provide unique challenges in terms of positioning and durability. All products are manufactured using a pigment which is effective in areas of diminished surrounding light.



Photoluminescent safety sign system for evacuation routes

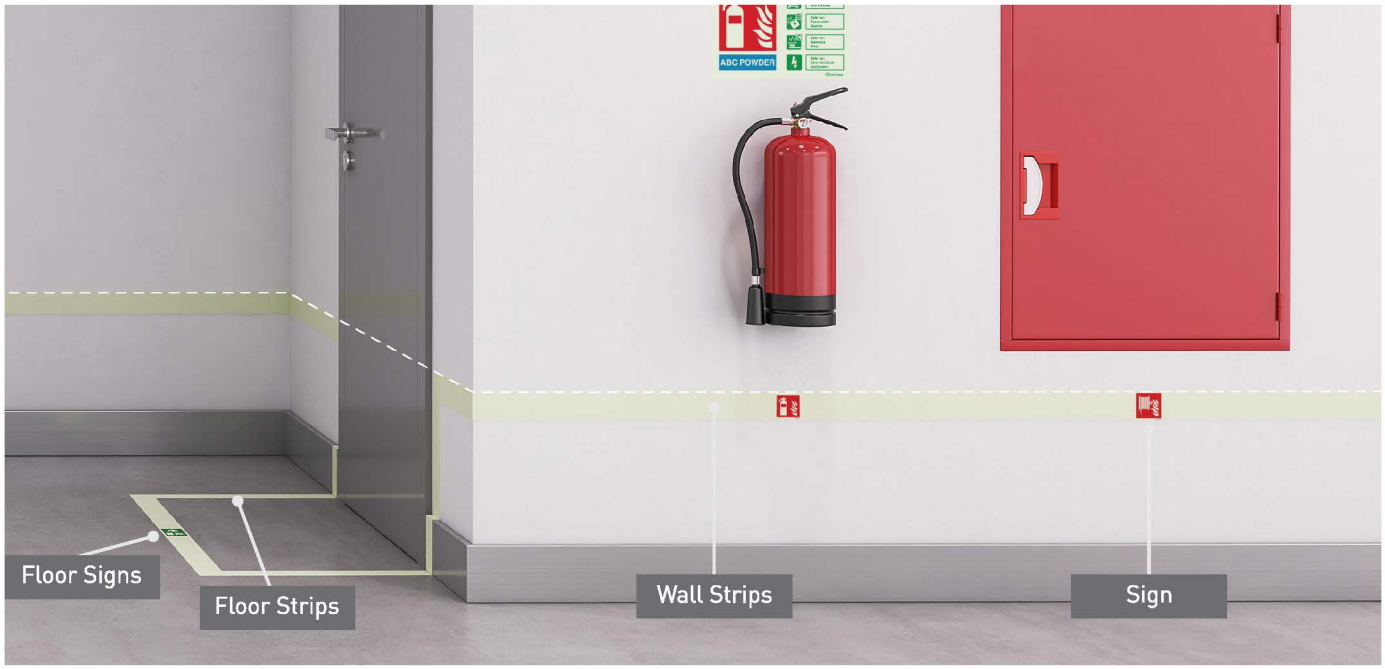
According to BS ISO 16069 the Safety Way Guidance System (SWGS) is a complete sign system that is comprised of three signage levels:

- **A** Photoluminescent signage system positioned at the High Location Level (1.8m and above):
  Ensures visibility and recognition of the evacuation routes at the mid - long range viewing distances for occupants
- **B** Photoluminescent signage system positioned at the Intermediate Location Level (1.2m - 1.8m):
  Provides instructions and/or complementary information for occupants
- **C** Photoluminescent signage system positioned at the Low Location Level (to a maximum installation height of 300mm):
  Ensures visibility and recognition of the evacuation routes and fire-fighting equipment at low/floor level

The Everlux®-LLL system is comprised of the following components:

- PVC photoluminescent strips and signs - 2mm thick - for installation on walls and vertical surfaces;

- Polycarbonate photoluminescent self-adhesive strips and signs - 0.3mm thick - for direct installation on floors and stairwells.

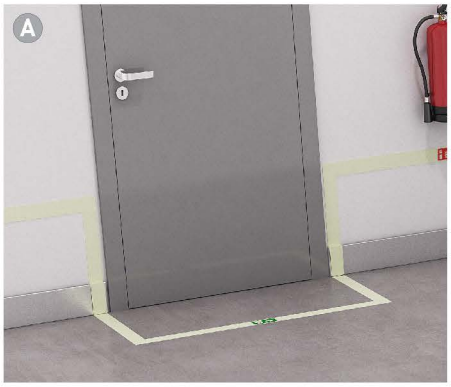


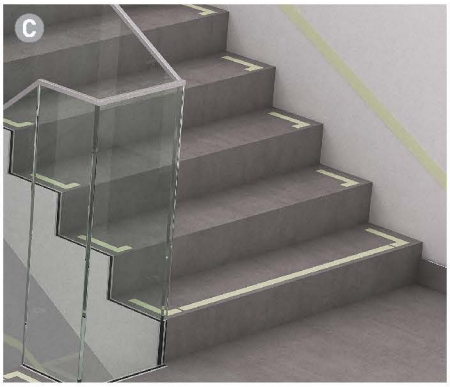
Example of a complete Safety Way Guidance System (SWGS)

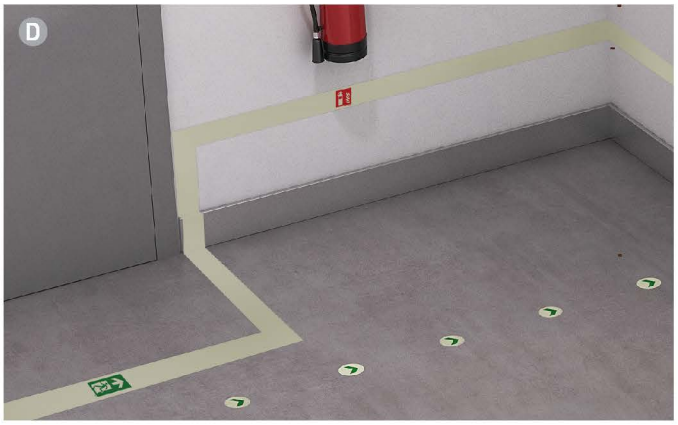
Since the door does not lead to an exit, it should be signed with rigid-plastic strips on the wall and polycarbonate non-slip strips on the floor.

Evacuation and fire-fighting equipment signs installed between photoluminescent strips are used to indicate the evacuation route direction and the location of fire-fighting equipment.

When signing stairwells, it is recommended that the PVC wall strips are continued and that all steps are highlighted by using a combination of polycarbonate self-adhesive strips and/or "L's".







Self-adhesive anti slip-polycarbonate safety signs, directly installed on the floor, indicating the direction of the evacuation route.

The emergency exit opens on the right hand side and this is indicated by the signs and strips being positioned to the right and parallel to the door opening mechanism.

Everlux®-LLL System for walls and vertical application

(mm)
107x57
158x83


81 001 81 002 81 101 81 102


81 003 81 004 81 005 81 006

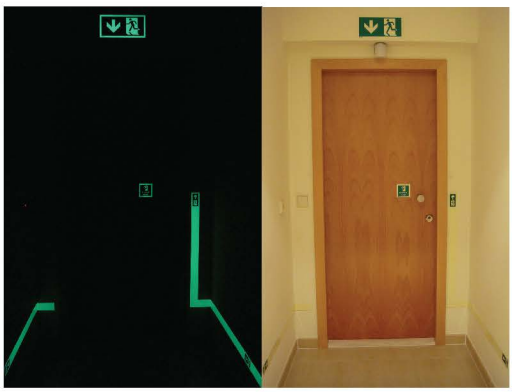

81 007 81 008 81 009 81 010

Escape route signs with symbols according to BS ISO 7010 and BS 5499


81 103 81 104 81 105 81 106 81 107

Escape route signs with symbols according to 92/58/EEC Directive

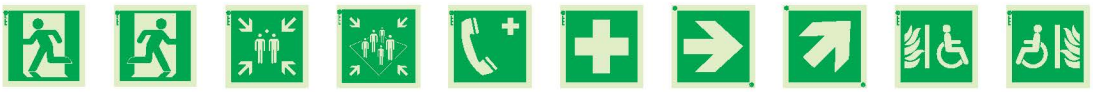

81 108 81 109 81 110 81 111 81 112



(mm)
107x57
158x83

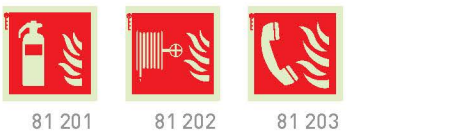
81 021 81 022 81 023 81 024 81 025

(mm)
57x57
83x83

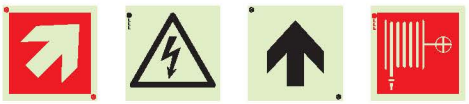

81 051 81 052 81 151 81 153 81 154 81 155 81 156 81 157 81 158 81 159

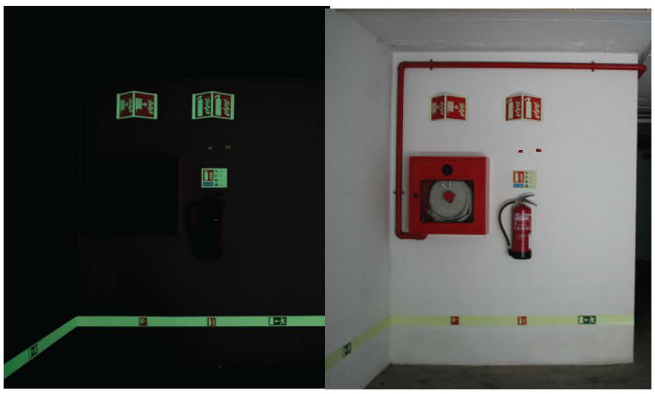
81 060 81 061 81 062 81 069 81 06A 81 06B 81 06C 81 06Z 81 070

(mm)
57x57
83x83


81 201 81 202 81 203


81 204 81 205 81 206 81 207

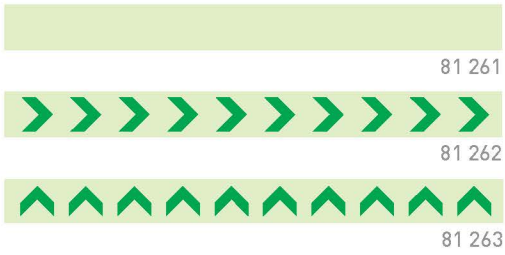

81 208 81 209 81 210 81 211



(mm)
107x57
158x83

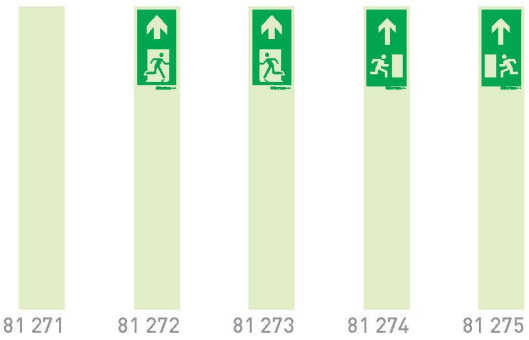
81 251

Everlux®-LLL Strips for wall mounted guidance lines



(mm)
1200x35
1200x57
1200x83

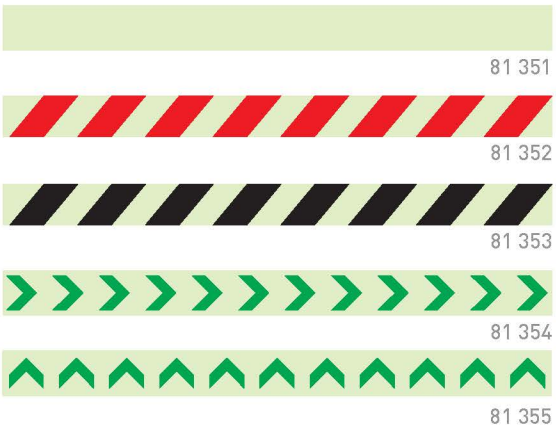
Marking strips for walls and stair risers



(mm)
800x57
800x83

Marking strips for doorways

Everlux®-LLL Polycarbonate self-adhesive system for floor and stairwells



(mm)
1200x37
1200x57
1200x83

Non-slip self-adhesive marking strips

Everlux® Tamper-proof aluminium rails

(mm)
800x35(**)
800x57(**)
800x83(**)
2000x35(*)
2000x57(*)
2000x83(*)

(*)(**) Only available in this size

Tamper-proof aluminium rail 800mm 81 291

Tamper-proof aluminium rail 2000mm 81 292

Tamper-proof aluminium rail cap 88 593

Everlux® Tamper-proof aluminium rails should be used in conjunction with Everlux®-LLL photoluminescent PVC wall strips in areas where they may be subjected to tampering. The aluminium finish also provides the rails with a desirable, aesthetically pleasing finish.

Characteristics

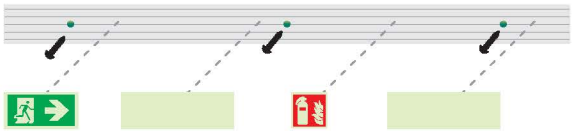
Material: Extruded aluminium profile

Each rail (800mm or 2000mm) is supplied with 1 end cap.

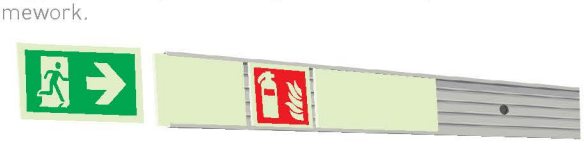
(**) 81 291

(*) 81 292

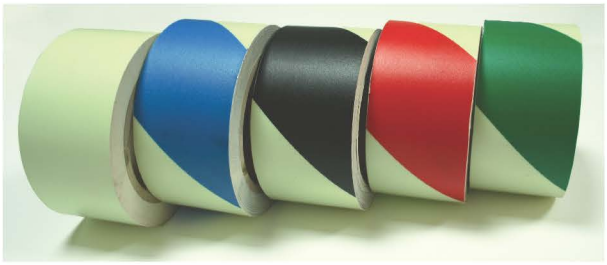
Everlux® Tamper-proof aluminium rail is screwed to the wall at multiple points along its length:



The appropriate signs and strips are slid into position within the framework.



Non-slip Photoluminescent Vinyl Rolls for floor application



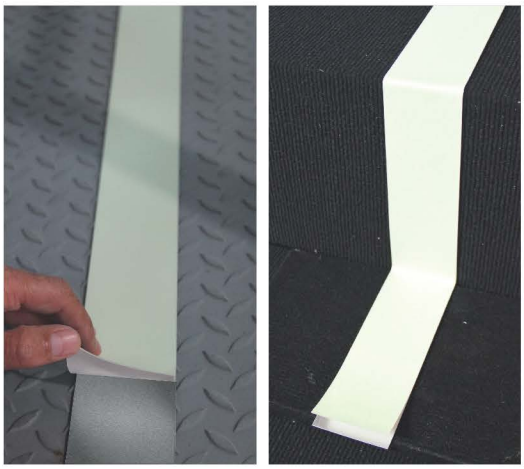
(mm)
10000x37
10000x57
10000x83

81 320 81 321 81 323 81 324 81 325

Aluminium backed LLL strip system for floor application

These photoluminescent LLL strips are backed with a flexible aluminium base. The strips are 0.4mm thick and offer an ASTM rated non-slip solution for staircases and other similar floor surfaces that can be problematic i.e. carpeted areas and textured flooring etc.

(mm)
1000x37
1000x57
1000x83

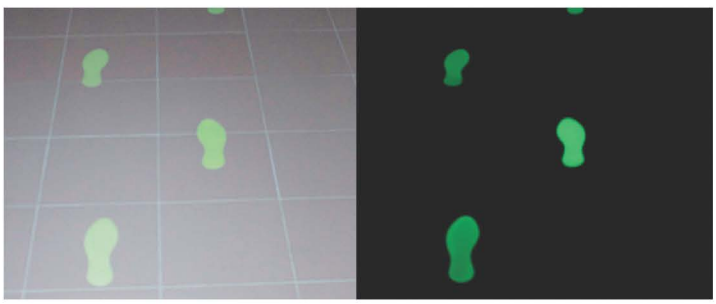


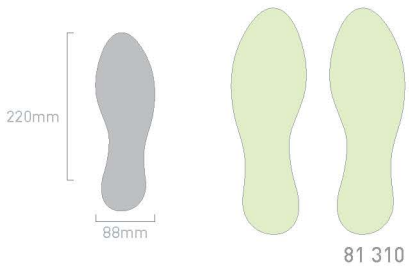
81 330
81 331
81 332
81 333
81 334

If you want these two elements separated (aluminum profile and strip), you should indicate.

Everlux®-LLL Footprint silhouettes

Photoluminescent footprint silhouettes are ideal for indicating the direction and outline of evacuation routes. Available in left and right silhouettes to be used alternately, Everlux®-LLL Footprint Silhouettes are made from self-adhesive, anti-slip polycarbonate which is only 0.3mm thick.



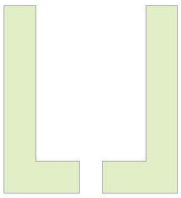


81 310

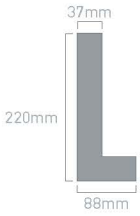
Non-slip self-adhesive "L" for stairs

Everlux®-LLL Non-slip self-adhesive "L" for stairs are made from self-adhesive, anti-slip polycarbonate which is only 0.03mm thick. The top and bottom step of every flight should be indicated by a continuous strip (code 81 351) running along its full length. Supplied as a sheet of 4 (2 per step) and are used to indicate the step's edge.

(*) If you want this product backed with 0.4mm flexible aluminium base, please indicate this reference 81 312



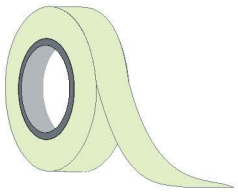
81 311
(*) 81 312



Length	Width
900mm	16mm
	27mm
	35mm

80 538

Length	Width
10000mm	16mm
	27mm
	35mm
	57mm
	83mm



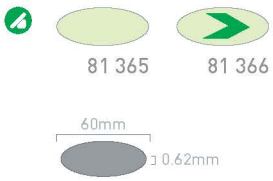
81 835

Available in self-adhesive photoluminescent vinyl with a 0.2mm thickness.

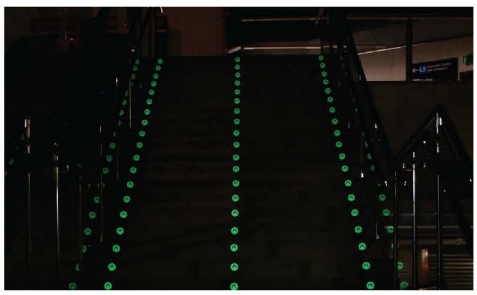
Everlux®-LLL Discs

Everlux®-LLL Discs are made from self-adhesive, anti-slip polycarbonate which is only 0.62mm thick.
Non-slip self-adhesive discs for floors (Ø60 - 1 sheet of 18 units; Ø100 - sold by the unit).

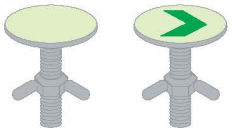
(mm)
Ø60
Ø100



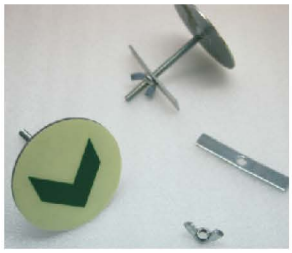
81 365 81 366



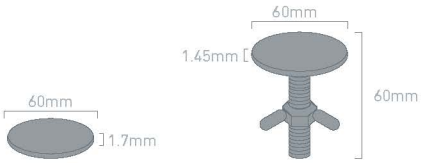
81 363 81 364



81 361 81 362



Discs for mesh metal floors (1 box of 12 units).



Everlux® Protection for steps

Everlux aluminium step profiles have been specifically designed to offer protection for step edges and to ensure users can safely navigate the hazard in an emergency and/or in the event of power failure. The step profiles are provided with anti-slip photoluminescent polycarbonate surfaces along the step and riser elements with the aluminium profile edges consisting of fine blades along the full length to further enhance the step profile's anti-slip properties even in the event of oil or lubricant spillage.

The photoluminescent polycarbonate surface on the step element of the strip ensures easy identification of the step edge in the event of a descending evacuation whilst the photoluminescent polycarbonate surface on the riser surface ensures the same when ascending a staircase.

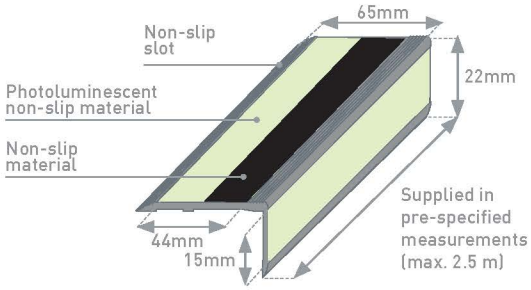
Characteristics
Base material: Aluminium
Photoluminescent element: 0.3mm polycarbonate
Dimensions: See accompanying technical drawing

The LLL aluminium step protection strips are supplied pre-cut to your specific requirements up to a maximum length of 2.5m and are supplied with a high-tack adhesive which allows easy installation on dust and grease free floor surfaces.

Photoluminescent stair nose 88 571

Combined stair nose 88 573

Anti-slip stair nose 88 574



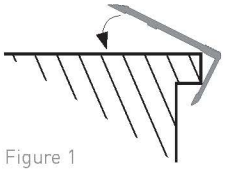


Figure 1

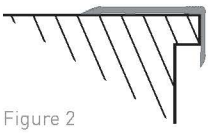


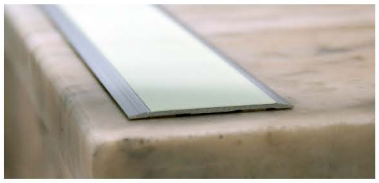
Figure 2

Locate the strip against the front nose of the step as shown (figure 1). Once located, rotate this strip backwards and apply firm pressure along both faces to ensure adhesion (figure 2).

Everlux®-LLL Aluminium floor strips

Everlux aluminium floor profiles have been specifically designed to be usable on uneven floor surfaces so that escape route boundaries can be clearly delineated in an emergency evacuation and/or in the event of power failure. The low-profile strips are provided with an anti-slip photoluminescent polycarbonate top surface with the aluminium profile edges consisting of fine blades along the full length to further enhance the step profile's anti-slip properties even in the event of oil or lubricant spillage.

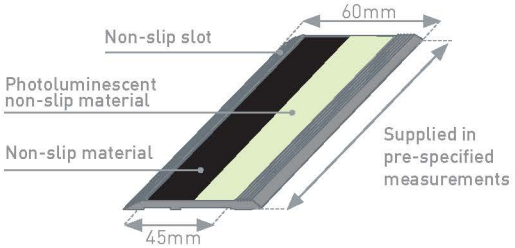
The LLL aluminium floor strips are supplied pre-cut to your specific measurements up to a maximum length of 2.5m and are supplied with a high-tack adhesive which allows for easy installation on dust and grease free floor surfaces.



Aluminium flat profile 88 572

Combined flat profile 88 575

Anti-slip flat profile for floors 88 576

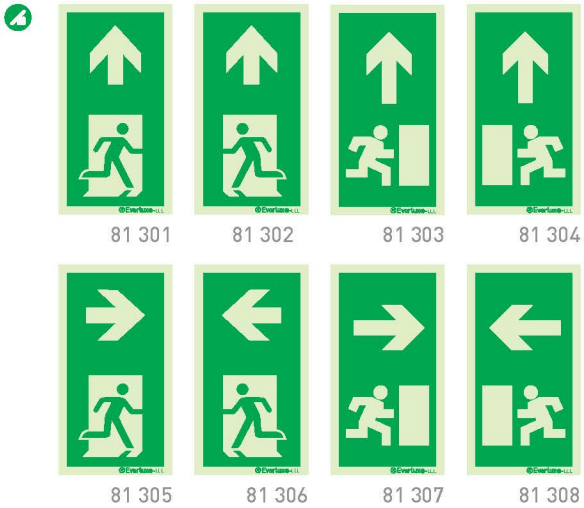


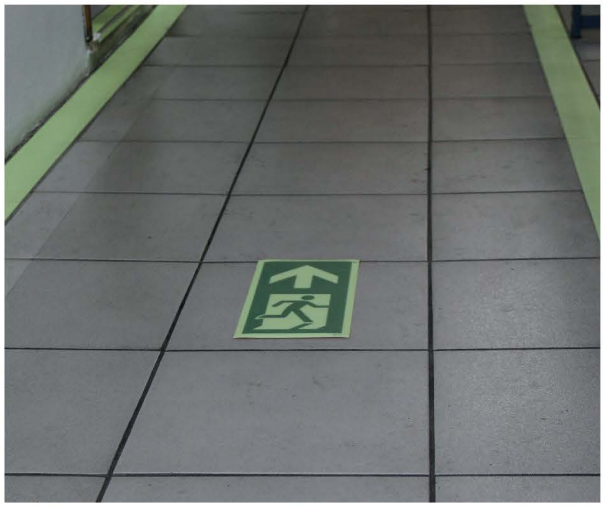
Characteristics:
Base Material: Aluminium
Photoluminescent element: 0.3mm polycarbonate
Dimensions: See accompanying technical drawing

Large Polycarbonate self-adhesive signs for floors

Everlux®-LLL Large self-adhesive signs for floors are made from self-adhesive, anti-slip polycarbonate 0.3mm thick.

(mm)
200x400
300x600





(mm)
200x200
400x400
600x600

In circumstances where mandatory actions need to be highlighted and enforced, anti-slip self-adhesive floor signs offer an ideal solution.

Large self-adhesive signs for floors

Everlux®-LLL Large self-adhesive signs for floors are made from self-adhesive, anti-slip polycarbonate 0.3mm thick.

(mm)
200x200
400x400
600x600


81 421


81 422

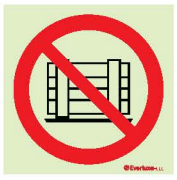

81 423


81 424


81 425

(mm)
200x200
400x400
600x600


81 431


81 432


81 433


81 434


81 435


81 436


81 437


81 439

(mm)
900x300

81 438

(mm)
200x200
400x400
600x600


81 441


81 442


81 443

(mm)
200x200
400x400
600x600

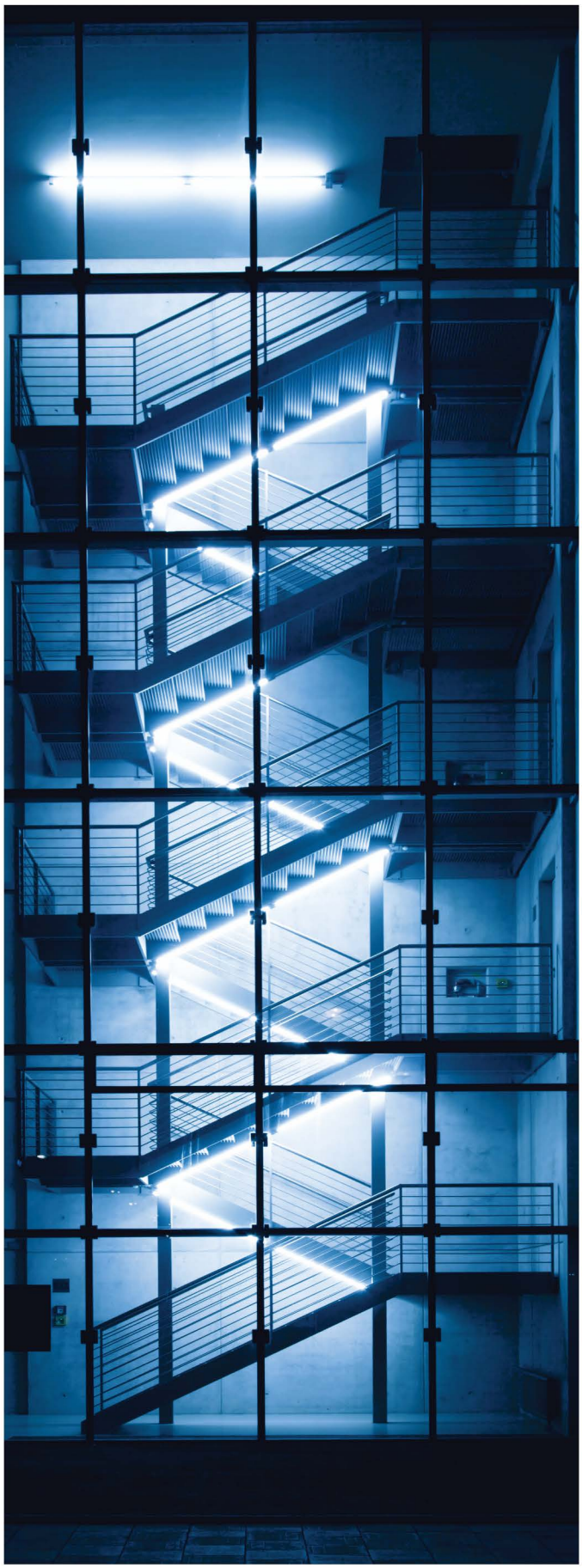

81 451


81 452


81 453


81 454

Signing of escape routes and exits in multiple storey buildings



The problems associated with the safety of multi-storey/high-rise buildings have attracted the special attention of the authorities responsible for security in most countries. Not only in the context of construction and fire protection measures, but especially with regard to the safety and evacuation of people. Recent incidents including the World Trade Center in the USA, Windsor Tower in Spain and Tower East in Central Park, Venezuela, among others, have demonstrated the high risks and the specific demands that such buildings present.

Factors that need to be considered in multi-storey/high-rise buildings include high occupation density, increased evacuation times, dense smoke or dust levels, increased and heightened panic levels and limited opportunities for external intervention all of which raise serious problems for evacuation and safety. As such, special consideration should be given when planning escape routes in multi-storey/high-rise buildings and this is particularly relevant when considering staircases and stairwells. These areas are the key escape routes from a multi-storey/high-rise building and are the areas that the occupants of a building will congregate in.

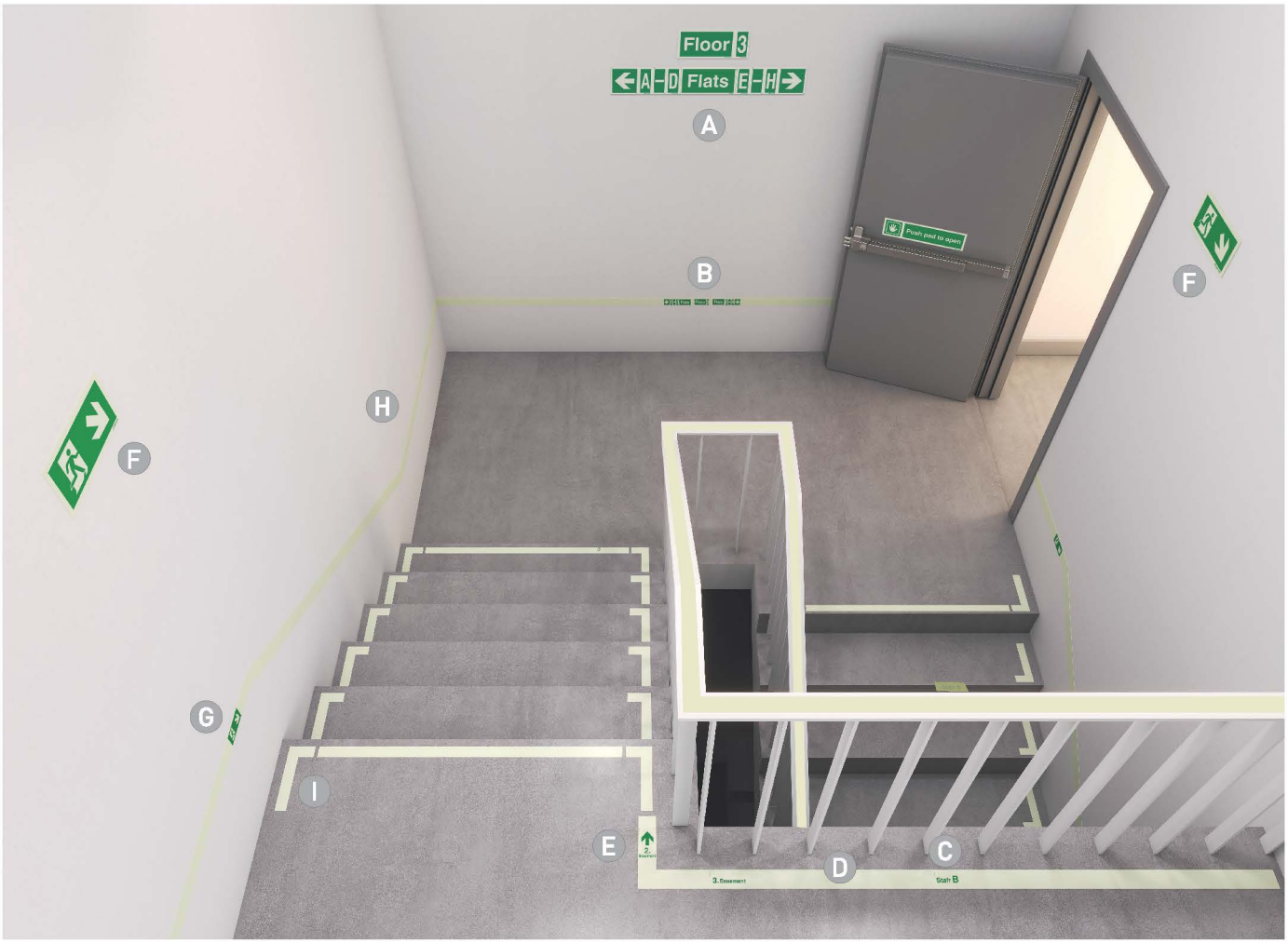
Following incidents at the World Trade Centre & the UN Headquarters where the efficiency and effectiveness of photoluminescent signage and safety systems with regard to the evacuation of occupants was demonstrated; the New York State Department of Buildings published mandatory legislation ensuring all public use buildings higher than 75ft (22.5m) have LLL signage and safety systems installed.

These LLL systems have been specifically designed to provide consistent information along the escape route and to ensure occupants act in a correct and safe manner thereby reducing confusion, panic and loss of life in an emergency evacuation.

Everlux® and **Everlux®-LLL** have developed safety signs and strip elements that collectively comprise all the components of a full LLL system including:

- Stair & staircase signage
- Floor level signage
- Identification of the remaining floors until Final Exit(s)
- Escape route signage
- Delineation and marking of escape routes using wall and floor signage or strips
- Fire-fighting equipment signage
- Stair marking strips
- Handrail marking strips

Safety evacuation sign system for multi-storey and high-rise buildings



A Rigid plastic storey and dwelling indicator signs – Everlux® – to be installed 1.8m from the floor – refer to page 28 for details

B Rigid plastic storey and dwelling indicator signs – Everlux®-LLL – to be installed at a maximum height of 300mm above floor level and positioned in between LLL marking strips – refer to page 84 for details

C Polycarbonate stairwell self-adhesive non-slip signs - Everlux®-LLL - To be applied directly to the floor and positioned in between the LLL marking strips - refer to Pg. 95 for details

D Polycarbonate self-adhesive non-slip signs to indicate the floor number - Everlux®-LLL - To be applied directly to the floor and positioned in between the LLL marking strips - refer to Pg. 95 for details

E Polycarbonate self-adhesive non-slip signs indicating the remaining number of floors to the Final Exit - Everlux®-LLL - To be applied directly to the floor and positioned in between the LLL marking strips - refer to Pg. 95 for details

F Rigid plastic escape route signs - Everlux® - To be mounted at the High Location Level (above 1.8m) - refer to Pgs. 16 to 18 for details

G Rigid plastic escape route signs - Everlux®-LLL - To be installed at a maximum height of 300mm above floor level and in conjunction with LLL marking strips - refer to Pg. 94 for details

H Rigid plastic marking strips - Everlux®-LLL - To be installed at a maximum height of 300mm above floor level - refer to Pg. 85 for details

I Polycarbonate self-adhesive non-slip "L" for stairs - Everlux®-LLL - to be applied directly to the stair surface - refer to Pg. 88 for details

A - Everlux® Rigid PVC stairwell signs

(mm)
200x100
300x150

To be installed at the High Location Level (above 1.8m)

81 501 | 81 502 | 81 503 | 81 504 | 81 505 | 81 506 | 81 507

B - Everlux® Rigid PVC stairwell signs

(mm)
200x100
300x150

To be installed at a High Location level (above 1.8m)

81 511 | 81 512 | 81 513 | 81 514 | 81 515 | 81 516
81 517 | 81 518 | 81 519 | 81 520 | 81 521 | 81 522 | 81 523
81 524 | 81 525 | 81 526 | 81 527 | 81 528 | 81 529 | 81 530

C - Everlux®-LLL Rigid PVC stairwell signs

(mm)
107x57
158x83

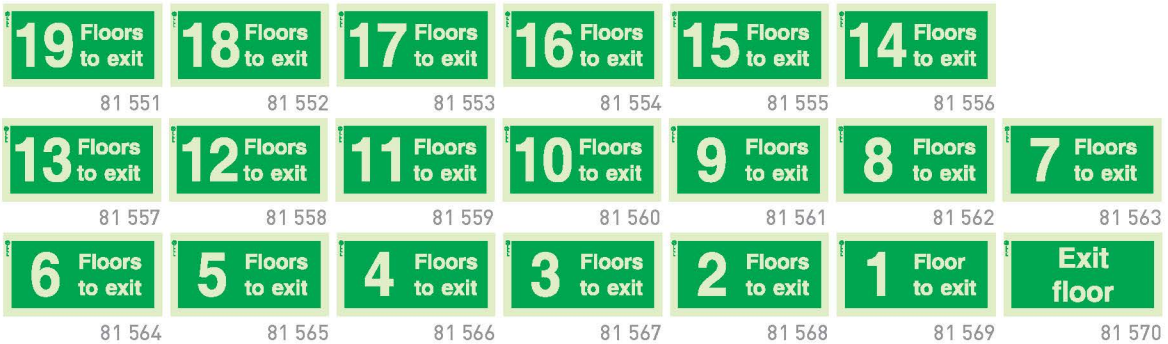
To be installed at a maximum height of 400mm above floor level and positioned in between the LLL marking strips

81 541 | 81 542 | 81 543 | 81 544 | 81 545 | 81 546 | 81 547

D - Everlux®-LLL Rigid PVC floor indication signs

(mm)
107x57
158x83

To be installed at a maximum height of 400mm above floor level and positioned in between the LLL marking strips



81 551 | 81 552 | 81 553 | 81 554 | 81 555 | 81 556
81 557 | 81 558 | 81 559 | 81 560 | 81 561 | 81 562 | 81 563
81 564 | 81 565 | 81 566 | 81 567 | 81 568 | 81 569 | 81 570

E - Everlux®-LLL Polycarbonate self-adhesive stairwell signs

Stair A 81 581	Stair B 81 582
Stair C 81 583	Stair D 81 584
Stair E 81 585	Stair F 81 586
Stair G 81 587	Exit floor 81 588

(mm)
107x57
158x83

To be applied directly to the floor and positioned in between the LLL marking strips

F - Everlux®-LLL - Polycarbonate self-adhesive and non-slip floor indication signs

				Basement -4 81 601	Basement -3 81 602	Basement -2 81 603
Basement -1 81 604	Ground Floor 81 605	1 st Floor 81 606	2 nd Floor 81 607	3 rd Floor 81 608	4 th Floor 81 609	5 th Floor 81 610
6 th Floor 81 611	7 th Floor 81 612	8 th Floor 81 613	9 th Floor 81 614	10 th Floor 81 615	11 th Floor 81 616	12 th Floor 81 617
13 th Floor 81 618	14 th Floor 81 619	15 th Floor 81 620	16 th Floor 81 621	17 th Floor 81 622	18 th Floor 81 623	19 th Floor 81 624

(mm)
107x57
158x83

To be applied directly to the floor and positioned in between the LLL marking strips

G - Everlux®-LLL - Polycarbonate self-adhesive floor remaining signs

					Basement - 4 81 641	Basement -3 81 642	Basement -2 81 643	Basement -1 81 644	Ground floor 81 645	1 st Floor 81 646	2 nd Floor 81 647
3 rd Floor 81 648	4 th Floor 81 649	5 th Floor 81 650	6 th Floor 81 651	7 th Floor 81 652	8 th Floor 81 653	9 th Floor 81 654	10 th Floor 81 655	11 th Floor 81 656	12 th Floor 81 657	13 th Floor 81 658	14 th Floor 81 659
15 th Floor 81 660	16 th Floor 81 661	17 th Floor 81 662	18 th Floor 81 663	19 th Floor 81 664	19 Floors to exit 81 665	18 Floors to exit 81 666	17 Floors to exit 81 667	16 Floors to exit 81 668	15 Floors to exit 81 669	14 Floors to exit 81 670	13 Floors to exit 81 671
12 Floors to exit 81 672	11 Floors to exit 81 673	10 Floors to exit 81 674	9 Floors to exit 81 675	8 Floors to exit 81 676	7 Floors to exit 81 677	6 Floors to exit 81 678	5 Floors to exit 81 679	4 Floors to exit 81 680	3 Floors to exit 81 681	2 Floors to exit 81 682	1 Floor to exit 81 683

(mm)
57x107
83x158

To be applied directly to the floor and positioned in between the LLL marking strips


SOS

Everlux®-AL

PHOTOLUMINESCENT SIGNAGE FOR TUNNELS

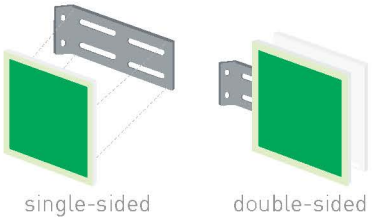
Requirements for tunnels in the trans-european road network

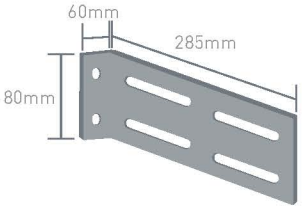
"As recent accidents, notably the fire in the Gotthard tunnel in June 2001, show that self-rescuing offers the highest potential for saving lives in the case of an accident in a tunnel, the introduction of clear and self explanatory signs in sufficient numbers indicating the safety equipment in each tunnel is an important measure that can be implemented at relatively low cost."
To prevent accidents in tunnels and their repercussions, the European Parliament and Council have approved the European Directive 2004/54/EC of 29th of April which defines the minimum safety requirements for tunnels in the Trans-European Road Network.

Aluminium accessories for Type 2 and for Panoramic signs

Everlux®-AL types of application can be:
Type 2 - Perpendicular wall mounted sign fixed to an appropriate bracket;

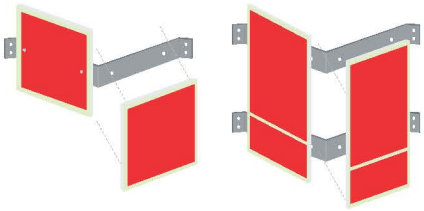
86 500

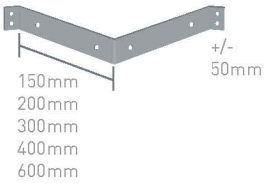




Type P - Panoramic signs are comprised of two signs mounted on an aluminium frame at a 90 degree angle;

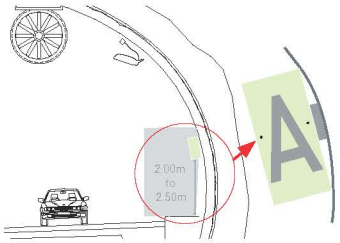
86 501

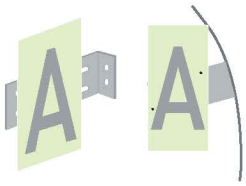




Mounting of double-sided signs (Type 2 and Panoramic) within a tunnel environment

Given the characteristic curvature of tunnels, the installation of a sign directly on the tunnel wall without adjustment will cause the sign to be positioned at an offset plane. Everlux® fixing accessories for tunnels are supplied with pre-drilled holes to ensure the signs can be positioned at the correct angle.





Technical characteristics

Everlux®-AL signs are supplied fitted with a damage resistant transparent protective film which offers protection against acts of vandalism and environmental conditions such as humidity and moisture.

Material: Durable 2mm thick aluminium, photoluminescent;
Printing: Serigraphy, high-quality gloss paint with UV resistance;
Fire Resistance: Non-flammable;
Chemical Characteristics: Non-radioactive, non-phosphorous, lead-free and non-toxic;
Guarantee: In normal conditions of mounting and adequate cleaning, we offer a 5-year guarantee.

Minimum luminance properties when tested in accordance with Annex A of BS ISO 16069:

Luminance properties: Considering the stimulation of a 1000Lux - 6500K light for 5 minutes.			
Norms	Luminance Intensity (mcd/m²) (after removing the exciting light)		Period of Light Decay
	10 minutes	60 minutes	Luminance Intensity greater than a 0.3 mcd/m²
BS ISO 16069	140 mcd/m²	20 mcd/m²	1800 minutes
Everlux®-AL	150 mcd/m²	21 mcd/m²	2000 minutes

Minimum luminance required in installed position in accordance with BS ISO 16069:

Luminance properties: Considering the stimulation of a 25Lux - 4000K light for 15 minutes.			
Norms	Luminance Intensity (mcd/m²) (after removing the exciting light)		
	10 minutes	60 minutes	90 minutes
BS ISO 16069	30 mcd/m²	7 mcd/m²	5 mcd/m²
Everlux®-AL	80 mcd/m²	10 mcd/m²	5.5 mcd/m²

Aluminium Photoluminescent Safety Signs for Tunnels
(In accordance with European Council Directive 2004/54/EEC)

In enclosed environments like road and rail tunnels, accidents often result in tragic consequences, particularly if the incident is fire related. This risk may be increased significantly if there is a lack of consistent, continuous safety information giving details of escape routes, fire safety equipment, emergency phones, safe areas etc. In the event of an incident or accident, the first ten to fifteen minutes are crucial when it comes to people's safety and damage limitation.
Everlux®-AL photoluminescent safety signs for tunnels provide an effective means of reducing risks by communicating clear, unambiguous instructions and by providing guidance.
Everlux®-AL photoluminescent safety signs for tunnels are manufactured on an aluminium base which guarantees high performance in extreme conditions.

Evacuation safety signs

Within a tunnel environment, signs that indicate the distance to the two nearest exits in both directions (left and right) are required. These signs should be installed at 25m intervals and at a height between 1.1m - 1.5m above the evacuation route floor. For example:

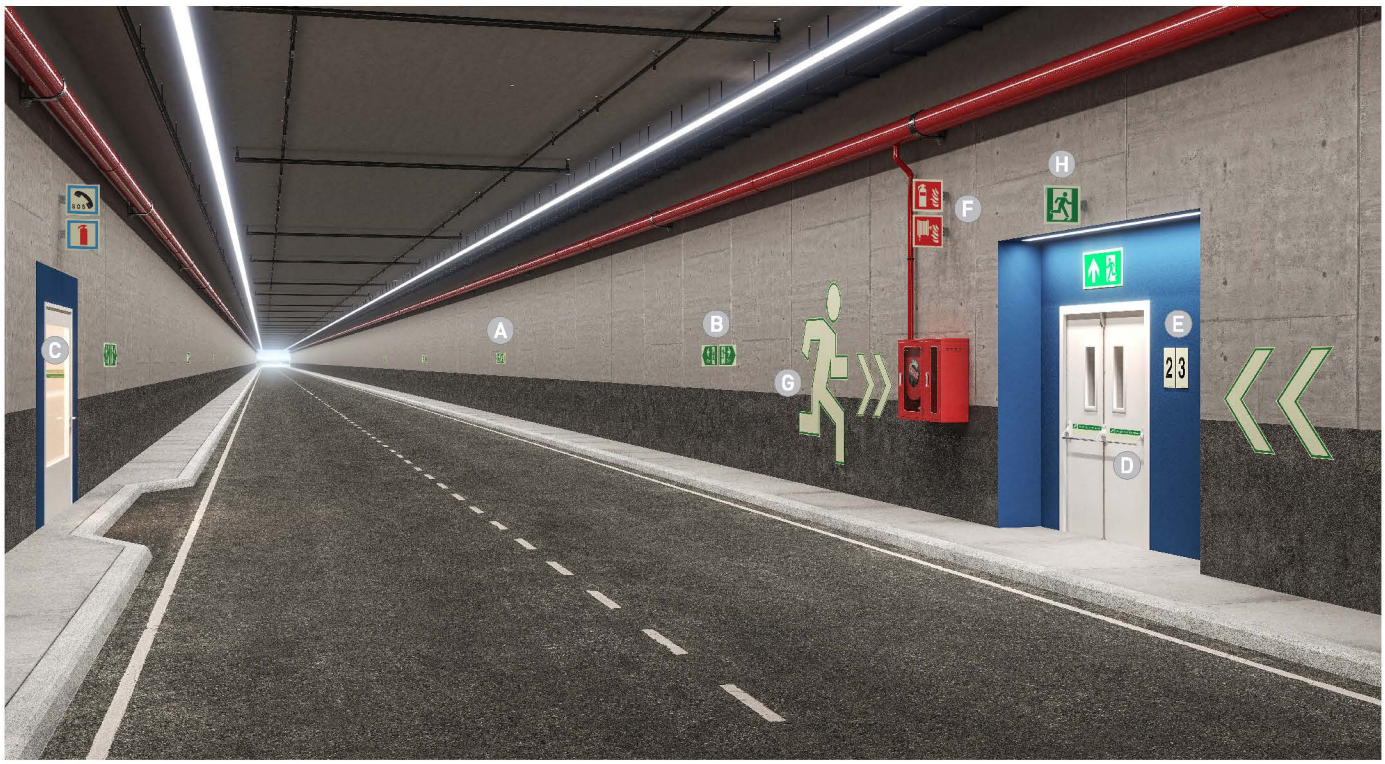
A

25m to the emergency exit on the left, 475m to the emergency exit on the right

B

50m to the emergency exit on the left, 450m to the emergency exit on the right

Alternatively, these signs can be positioned one above the other with the shortest distance indicated by the top sign.



C Safety recesses

The safety recesses should be equipped with an emergency telephone and at least one appropriate fire extinguisher. There should also be a multi-lingual sign indicating that the recesses do not offer protection in the event of a fire.

D Emergency Lay-bys

Lay-bys should be positioned no further than 1000m apart and should be equipped with an emergency telephone and two appropriate fire extinguishers.

E

Emergency exit doors should be numbered

F Fire fighting equipment safety signs

Fire-fighting equipment must be installed at 150m intervals.

G

Large scale signs (see page 103) are particularly effective in tunnel environments

H Emergency exits

The maximum distance between two emergency exit doors should be 500m. These exits can lead to another road or to a refuge point.

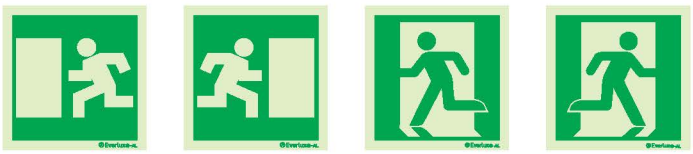
Signs for Fire-Fighting equipment

Fire Extinguishers and Fire Hose Reels must be installed every 150 Meters.

Emergency Escape route signs

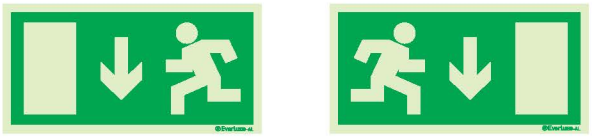
(In accordance with the European Council Directive 92/58/EEC and BS EN ISO 7010)

(mm)
300x300



86 001 86 002 86 101 86 102

(mm)
600x300



86 011 86 012

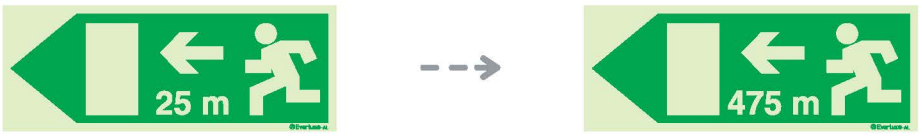
In twin-tube tunnels the signs must be installed indicating the way to the adjoining tube. In single tube tunnels, signs must be installed indicating the emergency evacuation escape route.

86 013 86 014 86 111

86 112 86 113 86 114

(mm)
800x300

(**) Prices by quotation

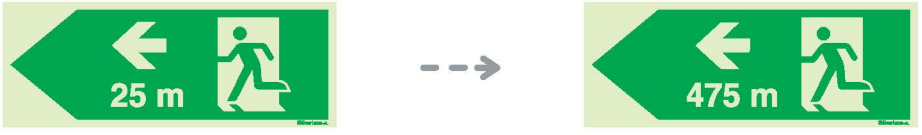


86 021 86 039

86 041 86 059

(**) EEC-R XXX (**) EEC-L XXX

Within a tunnel environment, signs that indicate the distance to the two nearest exits in both directions (left and right) are required. These signs should be installed at 25m intervals and at a height between 1.1m - 1.5m above the evacuation route floor.



86 121 86 139

86 141 86 159

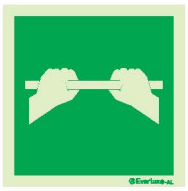
Signs for distances other than 25m multiples.

(**) BS-R XXX (**) BS-L XXX

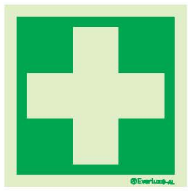
Safe condition

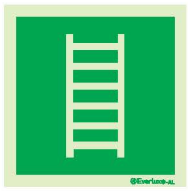
(mm)
300x300
400x400


86 201


86 203


86 204


86 205


86 206

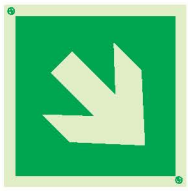

86 207

86 208

86 209

86 210

86 211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86 213

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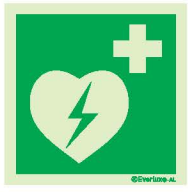
86 215

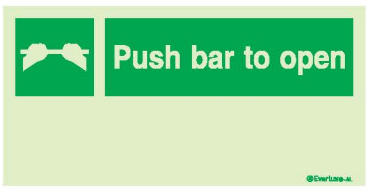
86 216


86 217

86 218

Escape door mechanism signs

(mm)
400x200
600x300



80 505

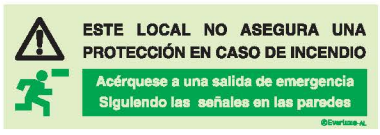
Safety recess signs

(mm)
300x100

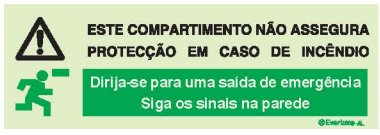
86 251

86 252

86 253



86 254



86 255

86 256

86 257

86 258

86 259

86 260

86 261

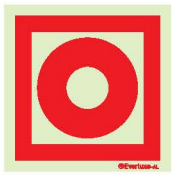
Safety recesses should display multi-lingual signs indicating that the recesses do not offer protection in the event of a fire.

Fire-fighting equipment and emergency vehicle signs

(mm)
300x300
400x400


86 271


86 273


86 275


86 276


86 277

86 278

86 279

86 280

86 281


86 282

86 283

86 284

86 285

86 286


86 331

(mm)
300x300
400x400

Signs according to 2004/54/EC Directive


86 335

86 336

(mm)
300x400

86 341

86 301

(mm)
300x200(*)
300x300

(*) Only available in this size


86 311

(*) 86 321

(mm)
150x300

86 350

86 359

83 35A

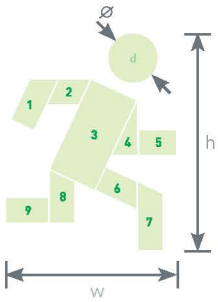
83 35Z

Large signs for emergency exits in tunnels

The installation of large signs in close proximity to an emergency exist will allow the exit to be identified more readily and will therefore minimise the risk of panic.

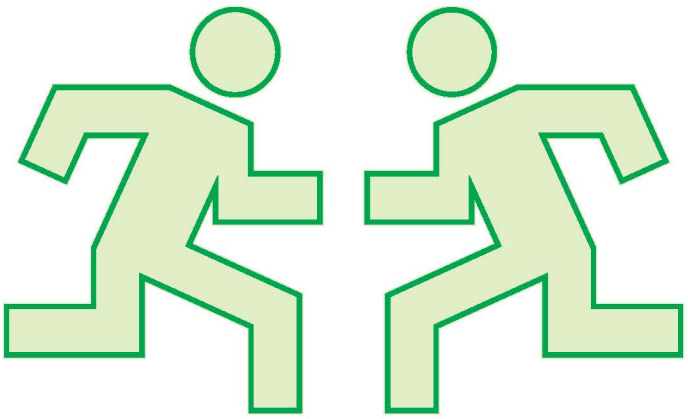
The positioning of these signs will ensure the evacuees can easily identify the location of emergency exists throughout the tunnel, thereby significantly increasing the chance of rescue and/or survival in an emergency situation.

Large signs are comprised of 10 component pieces



	d	w	h
Ø300	300	1010	1320
Ø400	400	1350	1765
Ø600	600	2020	2640

Sizes in mm



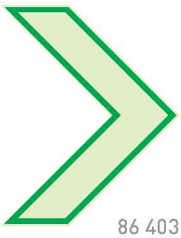
86 401 86 402

Ø300
Ø400
Ø600

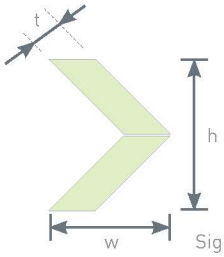
Ø- Head diameter

	t	w	h
83	83	310	390
118	118	500	680
149	149	740	1024

Sizes in mm



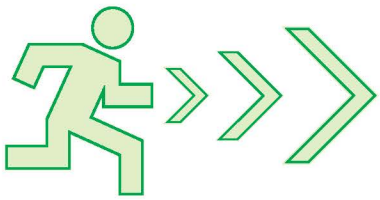
86 403



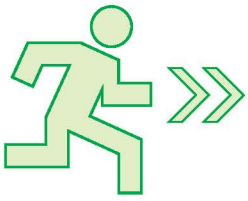
Sign supplied in 2 strips

(mm)
83
118
149

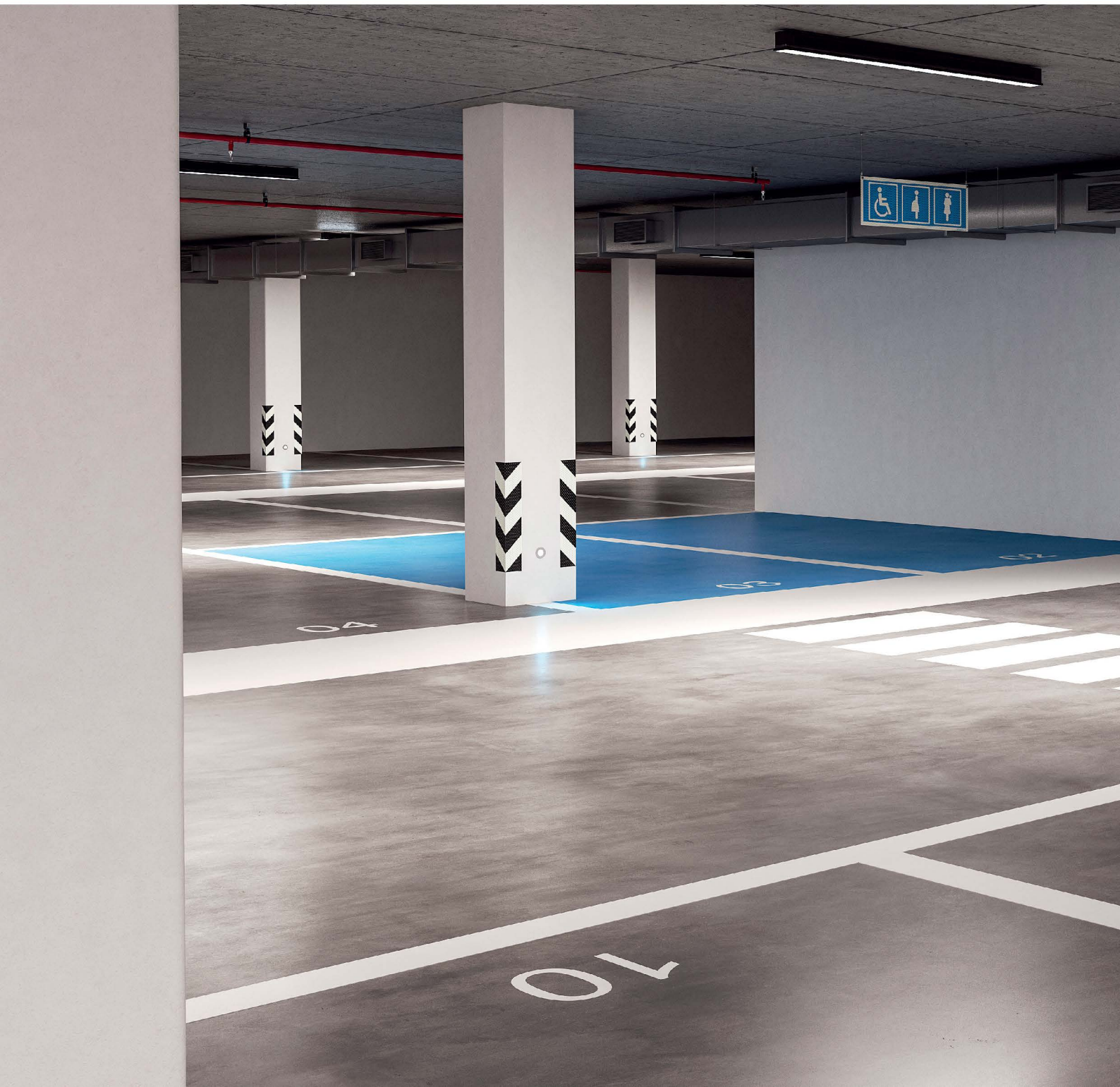
t - Strips width



Large signs can also be used in conjunction with arrows of increasing size to emphasise the direction of the emergency escape route and exists.



Dependent on the size of the large sign installed, it is recommended that the accompanying arrows should be proportionately sized. For example, a symbol with the head diameter of 300mm should have an accompanying arrow 83mm wide.


04
05
10

Everlux®-RL

REFLECTO-LUMINESCENT SIGNS

Retro-reflective properties

The retro-reflective backing used in Everlux®-RL products meets the coefficient values of retro-reflective products as specified in the European Norm EN 12899-1:2007 for vertical signs.

Bearing in mind an observation angle of 20' (0.33°) and an entrance angle of +5°, the values for the coefficient of retro-reflective are as follows:

Retro-reflective backing in white	Coefficient of retro-reflective lx.m² $\left(\frac{cd}{lux.m^2}\right)$
EN 12899-1	50
Everlux®-RL	60

Photoluminescent properties

The Everlux®-RL products demonstrate the following photoluminescent properties:

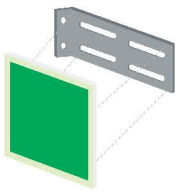
Norms	Luminance properties:		Period of light decay
	10 minutes	60 minutes	Luminance intensity greater than a 0.3 mcd/m²
Everlux®-RL	57 mcd/m² (1)	7 mcd/m² (1)	845 minutes (1)
	28 mcd/m² (2)	3.6 mcd/m² (2)	460 minutes (2)
	20 mcd/m² (3)	2.9 mcd/m² (3)	380 minutes (3)

(1) Values obtained in tests by stimulation with a Xenon bulb, with 1000 lux for 5 minutes, according to DIN 67510-1:2020.
(2) Values obtained in tests by stimulation with a OSRAM L18W/765 daylight effect bulb (6500 K) – with 25 lux for 15 minutes.
(3) Values obtained in tests by stimulation with a OSRAM L18W/840 white light bulb (4000 K) – with 25 lux for 15 minutes.

Aluminium accessories for Type 2 and for Panoramic signs

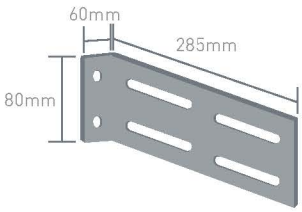
Everlux®-RL types of application can be:
Type 2 - Perpendicular wall mounted sign fixed on an appropriate bracket;

86 500



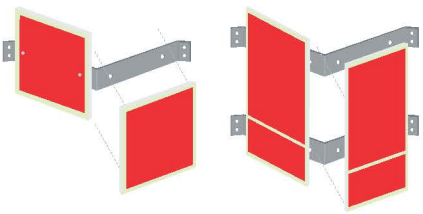
single-sided

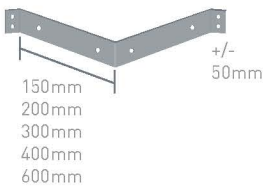
double-sided



Type P - Panoramic signs are comprised of two signs mounted on an aluminium frame at a 90 degree angle;

86 501





Reflecto-luminescent signs

There are many situations where there is movement of both people and vehicles at the same time and at the same place – in car parks, warehouses, mines, etc. Therefore, there is a need for the information conveyed by the safety signs to be understood by all the parties involved and in all circumstances i.e.:
- Pedestrians;
- Drivers of vehicles;
- Circumstances where vehicles are moving, with lights on, and pedestrians are present.

Everlux®-RL – Reflecto-luminescent signs are a unique product which offer the advantage of combining two sign concepts; i.e. that of retro-reflection and photoluminescence which allows the sign to perform a dual function:

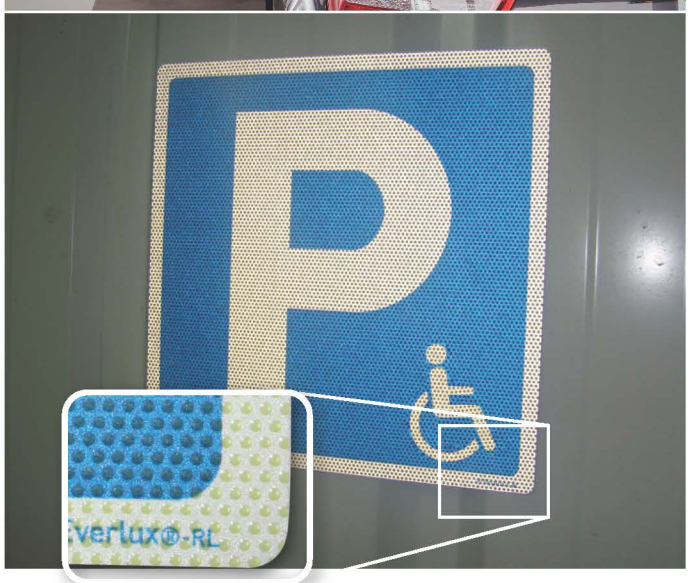
- When the sign is met with external direct light in the form of vehicle headlights or torchlight it reacts in a retro-reflective manner much as traffic signs do. The light is reflected back in the same direction as its source which allows total visibility of the sign and its inherent message;
- In the absence of light, the photoluminescent properties of the sign emit light in the form of stored energy which is absorbed from surrounding light and direct light from vehicle headlights. This process allows the sign to communicate its inherent, message for a period in excess of 340 minutes.

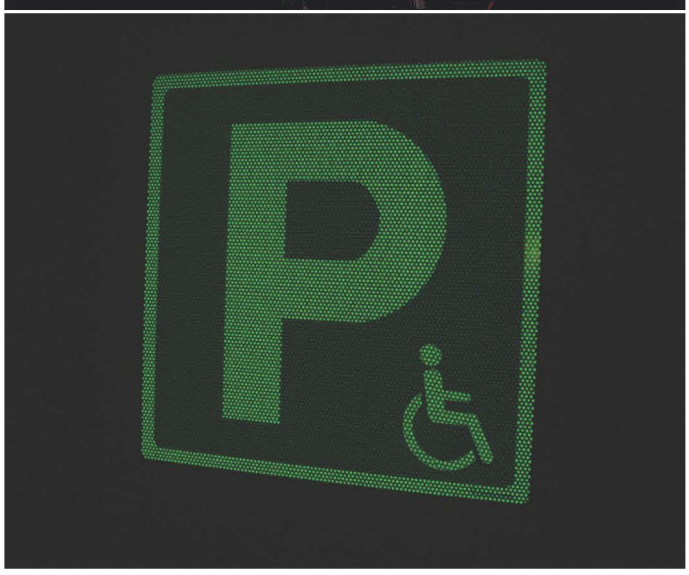
Everlux®-RL signs are manufactured using a LLL (Low Locaton Lighting) pigment which has been specifically developed for areas of diminished surrounding light to a minimum level of 25 lux.

Everlux®-RL signs are also extremely effective in situations where Fire and Rescue Services need to locate fire-fighting equipment such as risers or hydrants. The retro-reflective properties of the signs allow quick identification of the equipment either from vehicle headlights or by torchlight.

Retro-reflective Effect
Retro-reflective safety signs for vehicles

Photoluminescent Effect
Photoluminescent safety signs for pedestrians





Emergency Escape Route Signs
In Accordance with BS EN ISO 7010

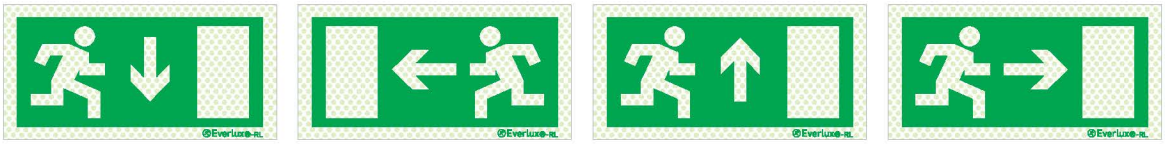
(mm)
300x150
400x200

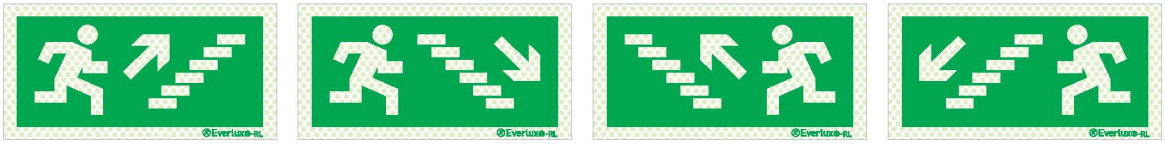

87 001 87 002 87 003 87 004


87 005 87 006 87 007 87 008

Emergency Escape Route Signs
In Accordance with the European Council Directive 92/58/EEC

(mm)
300x150
400x200


87 009 87 010 87 011 87 012


87 013 87 014 87 015 87 016

(mm)
300x400
400x600


87 021 87 022

Emergency Escape Route and Safe Condition Signs

(mm)
200x200
300x300
400x400

87 031 87 032 87 033 87 034

87 036 87 037 87 038 87 039 87 040 87 041 87 042

87 043 87 044 87 045 87 046 87 047 87 048 87 049

Fire-fighting Equipment Signs

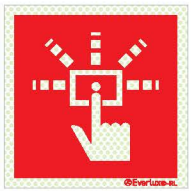
(mm)
200x200
300x300
400x400


87 051


87 053


87 055


87 056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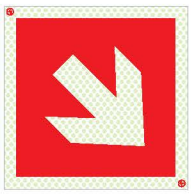
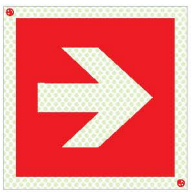
87 058


87 059


87 060


87 061


87 062


87 063

87 064

87 065

87 066

87 071

87 067

87 068

87 069

87 070

(mm)
400x150

87 081

87 082

87 083

87 084

87 085

87 086

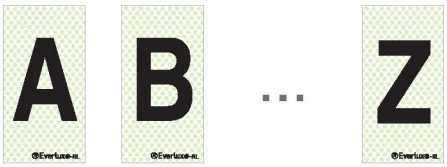
87 087

87 088

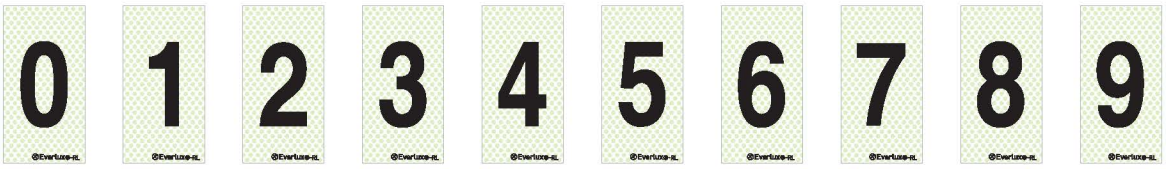
87 089

Alphabetic and numeric character signs

(mm)
150x300



87 10A 87 10B 87 10Z

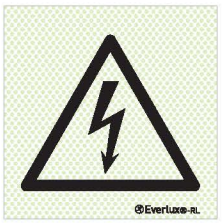


87 120 87 121 87 122 87 123 87 124 87 125 87 126 87 127 87 128 87 129

Hazard and warning signs

(mm)
300x300

87 131

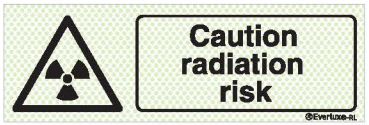


87 132

(mm)
300x200

87 135

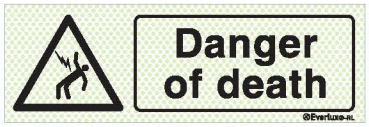
(mm)
400x150



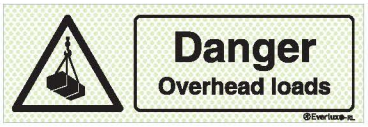
87 141

87 142

87 143

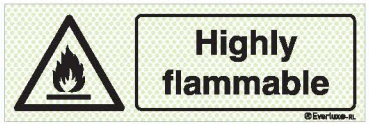


87 144

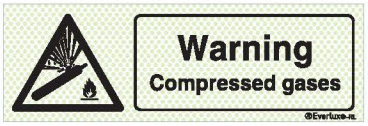


87 145

87 146



87 147



87 148

Prohibition signs

(mm)
200x200
300x300
400x400


87 151


87 152

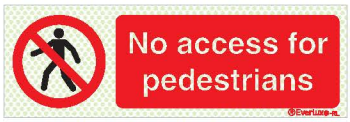

87 153


87 154

(mm)
400x150

87 156

87 157



87 158

87 159

87 160

87 161

87 162

Fire door signs

(mm)
300x300

87 166

87 167

87 168

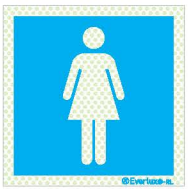

87 169

Public convenience signs

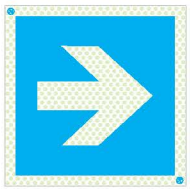
(mm)
200x200
300x300
400x400

87 171

87 172


87 173


87 174


87 175

Priority parking signs

(mm)
600x200
900x300


87 181

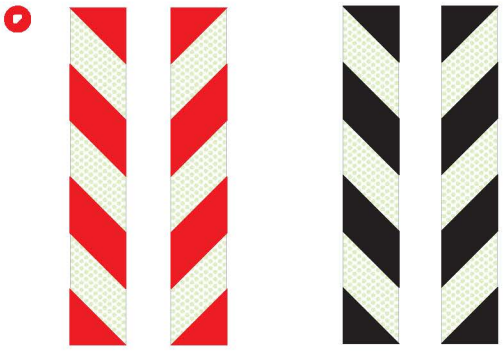
Parking signs - with and without directional indicators

(mm)
300x300
400x400
600x600

87 191 87 192 87 193 87 194 87 195 87 196 87 197 87 198 87 199 87 200 87 201 87 202

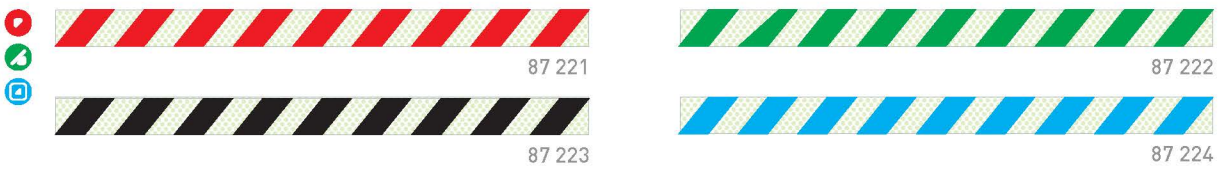
Marking strips

(mm)
600x60
600x100



87 211 87 212 87 213 87 214

(mm)
1200x60
1200x100

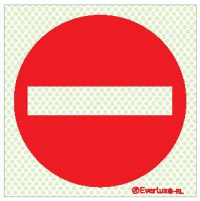


87 221 87 222 87 223 87 224

Car park signs

(mm)
200x200
400x400
600x600

87 231


87 232

87 233

87 234

87 235

87 236

87 237

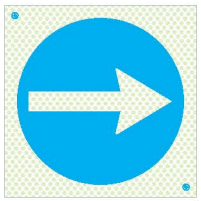

87 238

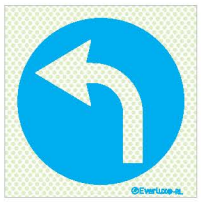

87 239

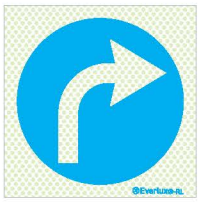
87 240

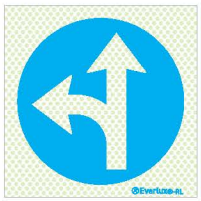
87 241

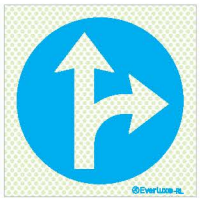
87 242

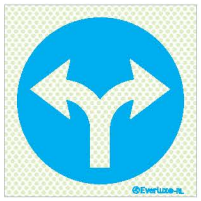

87 243


87 244


87 245


87 246


87 247


87 248


87 249


87 250


87 251


87 252


87 253


87 254


87 255


87 256

Emergency Escape Route signs for Tunnels

In Accordance with BS 5499-4, BS EN ISO 7010 and the European Council Directive 92/58/EEC

(mm)
300x300


87 261


87 262


87 321


87 322

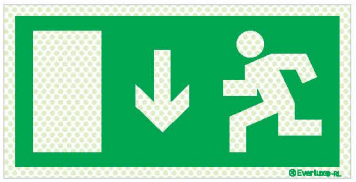
(mm)
600x300

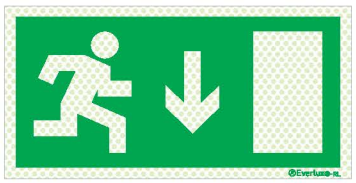

87 271


87 272


87 273


87 274


87 331


87 332


87 333


87 334

(mm)
800x300

Within a tunnel environment, signs that indicate the distance to the two nearest exits in both directions (left and right) are required. These signs should be installed at 25m intervals and at a height between 1.1m - 1.5m above the evacuation route floor.

87 281

87 299

87 301

87 319

87 341

87 359

87 361

87 379

Emergency vehicle signs

(mm)
300x300
400x400

87 381

(mm)
300x400

87 386

Safety recess signs for tunnels

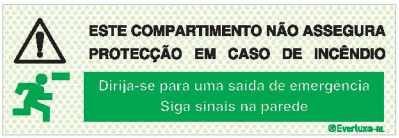
(mm)
300x100

87 391

87 392

87 393

87 394

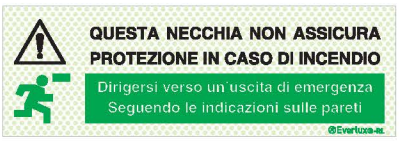


87 395

87 396

87 397

87 398



87 399

87 400

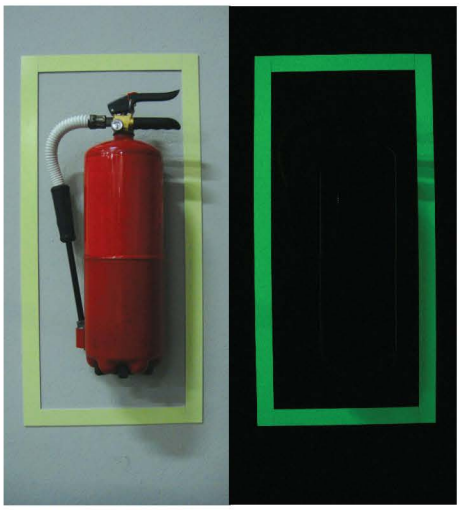
87 401

Safety recesses should display multi-lingual signs indicating that the recesses do not offer protection in the event of a fire.

Kits and Accessories

Everlux® Fire extinguisher frame kits

The use of an Everlux® Fire extinguisher frame kit ensures the fire extinguisher's location is clearly visible at all times. The kit is positioned around the full perimeter of the fire extinguisher and allows a user to easily identify the fire extinguisher's whereabouts particularly in the event of an emergency and/or loss of electrical power.



Everlux® Fire extinguisher frame kit (for 2 units) 88 531

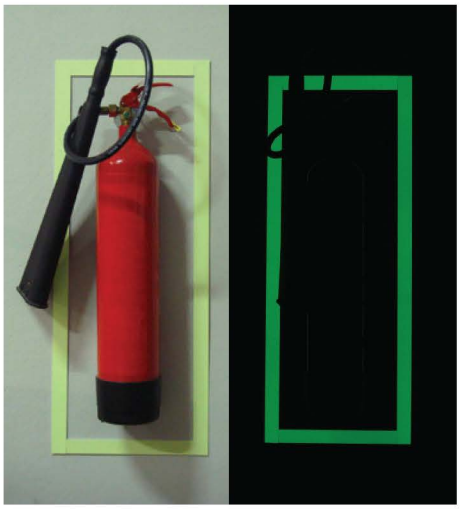
Everlux® Fire extinguisher frame kit (not including 5kg CO_2)

The kit has been developed for all portable fire extinguishers with the exception of the 5 kg CO_2 types.
The kit is positioned around the full perimeter of the fire extinguisher. Each fire extinguisher is identified with 4 PVC strips:

- 2 x 300x35mm Everlux® PVC strips for horizontal installation;
- 2 x 800x35mm Everlux® PVC strips for vertical installation.

One kit contains enough strips to identify 2 fire extinguishers:

- 4 x 300x35mm Everlux® PVC strips for horizontal installation;
- 4 x 800x35mm Everlux® PVC strips for vertical installation.



Everlux® Fire extinguisher frame kit (for 2 units) 88 532

Everlux® Fire extinguisher frame kit (suitable for 5kg CO_2)

The kit has been developed for 5kg CO_2 type fire extinguishers.
The kit is positioned around the full perimeter of the fire extinguisher. Each fire extinguisher is identified with 4 PVC strips:

- 2 x 300x35mm Everlux® PVC strips for horizontal installation;
- 2 x 900x35mm Everlux® PVC strips for vertical installation.

One kit contains enough strips to identify 2 fire extinguishers:

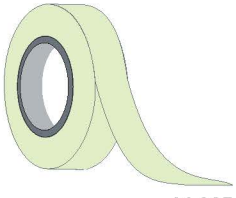
- 4 x 300x35mm Everlux PVC strips for horizontal installation;
- 4 x 900x35mm Everlux PVC strips for vertical installation.

Everlux® Handrail tape

Length	Width
900mm	16mm 27mm 35mm

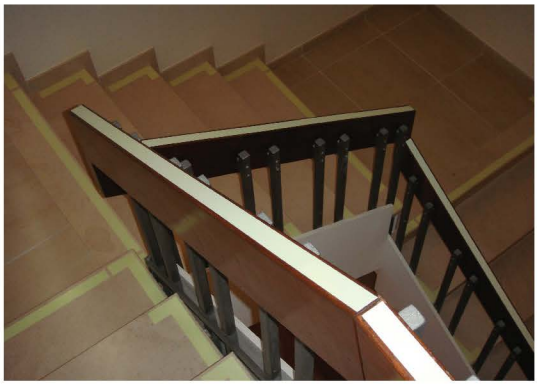
80 538

Length	Width
10000mm	16mm 27mm 35mm 57mm 83mm



81 835

Available in self-adhesive photoluminescent vinyl with a 0.39 mm thickness

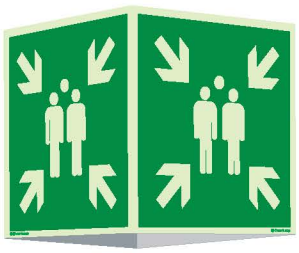


Four-Sided Signs for 360° viewing angles

This sign is available in photoluminescent or reflective aluminium and features a permanent protective film for an effective protection against the exposure to aggressive environmental conditions such as humidity, UV radiation, silt and salt. Four-sided construction 2mm, photoluminescent Aluminium or Reflective Aluminium (supplied with or without post as required).

Assembly Point

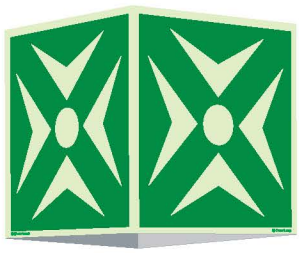
(mm)
400x400
600x600



88 701

Kit comprised one four-sided sign, 2.70m high pole, 40mm diameter, galvanized base for pole and top cap.

88 702



88 711

Kit comprised one four-sided sign, 2.70m high pole, 40mm diameter, galvanized base for pole and top cap.

88 712

Fire-fighting Equipment

(mm)
400x400
600x600

88 721

Kit comprised one four-sided sign, 2.70m high pole, 40mm diameter, galvanized base for pole and top cap.

88 722

88 731

Kit comprised one four-sided sign, 2.70m high pole, 40mm diameter, galvanized base for pole and top cap.

88 732

88 741

Kit comprised one four-sided sign, 2.70m high pole, 40mm diameter, galvanized base for pole and top cap.

88 742

Everlux® Aluminium frame

An Everlux® Aluminium frame can be the perfect sign accessory to give a standard photoluminescent PVC sign a desirable, aesthetically pleasing finish. It has a discreet and elegant design and is manufactured using high quality materials. It allows for connection between the sign and the wall and its visual impact does not conflict with the sign resulting in perfect harmony between the three elements (wall – frame – sign).

Everlux® Slim-line aluminium frames

Slim-line aluminium frames 88 582

Everlux® Slim-line aluminium frames are supplied pre-fitted to the sign and are ready to install.

Everlux® Slim-line aluminium frames can be fixed to the wall using self-adhesive pads or tape, Everlux® Adhesive or other proven methods. It is advised that the receiving surface is clean, dust and grease free.

Everlux® Self-assembly aluminium frame kit

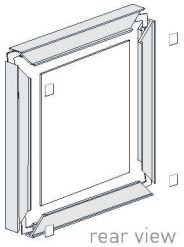
Self-assembly aluminium frame 88 583

The self-adhesive pads which are supplied with the frame kit are generally suitable for most surface types that are clean, dust and grease free. However, should secure adherence not be attained with the pads supplied, it is recommended that installers consider using Everlux® Adhesive or other proven fixing methods.

Everlux® Self-assemble aluminium frames can be fixed to the wall using the self-adhesive pads which are supplied with the frame kit or by using Everlux® Adhesive which is supplied separately.

Characteristics
Material: Extruded aluminium profile
The frame kit is comprised of the following:
- 4 x Extruded aluminium profiles
- 4 x PVC "L" connectors
- 4 x self-adhesive pads

Applicable only to square and rectangular signs.



rear view

Everlux® FLEXI Aluminium Frame Kits

Everlux® FLEXI aluminium frames can be supplied separately without the sign included. Suitable for all square and rectangular signs, the sign is inserted into a groove located in the upper section of the frame.

The Everlux® FLEXI frames are supplied assembled with all required mounting accessories and are available as follows:

Type 1 – Wall Mounted Sign

88 584

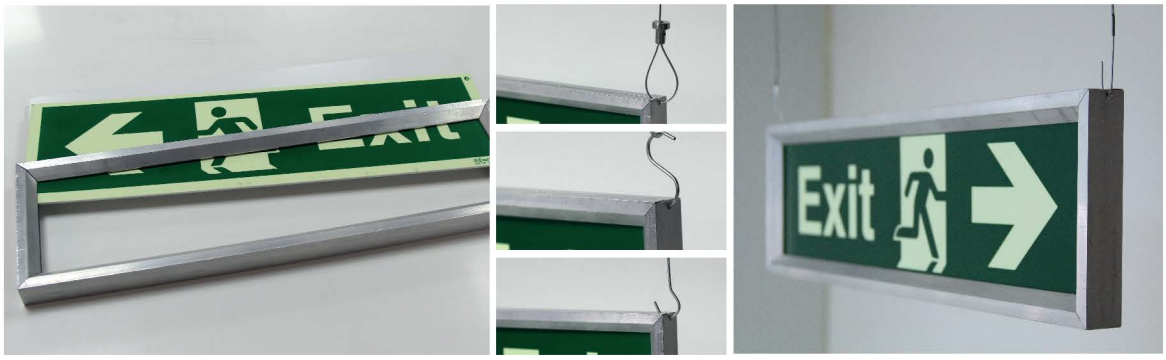
The Type 1 Everlux FLEXI frame kit is comprised of the following: - 1 x Aluminium FLEXI Frame
- 2 x Type 1 fittings

Type 2 – Perpendicular Wall Mounted Sign

88 585

The Type 2 Everlux FLEXI frame kit is comprised of the following: - 1 x Aluminium FLEXI Frame
- 1 x Type 2 fitting

Type 3 – Suspended Single or Double Sided Sign



88 586

The Type 3 Everlux FLEXI frame kit is comprised with: -1 x Aluminium FLEXI Frame
Additionally indicate the fixing and suspension kit from pages 122 and 123 for type 3 fitting.

Type 3 signs fixing system - ceiling suspended

Accessories for ceiling fixing

* Accessories sold in packs of 40 units

** Accessories sold in packs of 20 units

Circular self-adhesive hanging buttons * 80 1T3

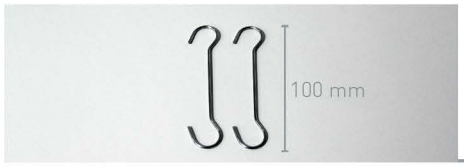
Square "clip-on" hanging buttons * 80 2T3

Circular magnetic hanging buttons ** 80 7T3

Suspension accessories

Accessories sold in packs of 40 units

"S" shape hanging hooks 80 3T3



Double hook hanging hooks 80 4T3

Double hook extendable hanging hooks 80 5T3

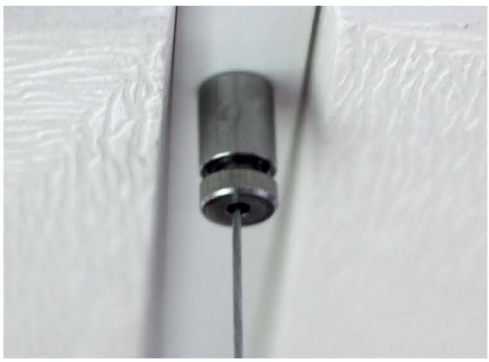
Suspension accessories

Expandable up to 1 m or 1.5 m

Fixing and suspension kit for large signs

Available in the sizes 750 mm or 1500 mm long

80 6T3 Ceiling to sign cable(s) with fixings



Everlux® Magnetic signs

Magnetic sign 88 600

Everlux® can supply (on request) all type 1 signs fitted with magnetic finish which allows secure adhesion to all suitable metallic surfaces for all sign sizes.

The new finish is comprised of a rubber and ferrite compound which is applied to the rear surface of the signs.

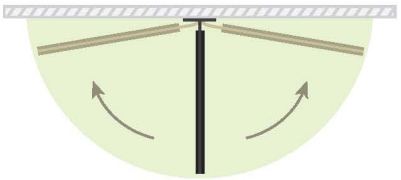
Everlux® Magnetic signs offer an alternative solution when installing signs in a variety of applications including plans rooms, storage facilities and industrial areas. They are also ideal for mounting on metal stands or frames for use as temporary signage can be used either indoors or outdoors.

In order to achieve a satisfactory magnetic adherence, it is desirable that as much of the magnetic surface is in contact with the receiving, metallic surface as possible. However, if the receiving surface has a curved profile (pipework, cylinders etc) it is recommended that a suitability test is conducted beforehand.

Technical data:
Coercivity: HcB(KA/m) = 95; HcJ(KA/m)= 99, Remanence BR(T) 0,16
Maximum exposed temperature - 80 C

How to order:
When ordering your Type 1 sign, please specify that you require a magnetic finish.

Everlux® Flexible Type 2 bracket

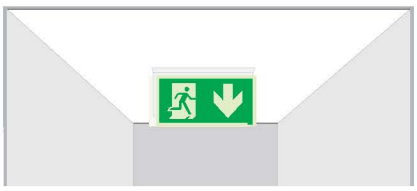


180 ° rotation

Flexible Type 2 bracket 88 601

The Everlux® Flexible Type 2 bracket consists of a plastic, flexible strip which was developed to allow the sign to move sideways within a 180° radius without breaking and then return to the correct starting position after impact or collision.

The Everlux® Flexible Type 2 bracket has been specifically developed for installations in areas where the likelihood of a collision or impact is increased. It is ideal for areas where forklift trucks operate and cargo is distributed such as warehouses, factories, supermarkets and goods yards. The Everlux® Flexible Type 2 bracket´s durable design ensures the sign is resistant to collision, impact and vandalism.



The Everlux® Flexible Type 2 bracket can also be fixed to the ceiling.

Everlux® Adhesive

Everlux® Adhesive ADHE

The Everlux® Adhesive provides the ideal solution when adhering signs to a variety of surfaces including those that are uneven, rough or irregular.

Characteristics:

- Quick initial drying time - minimises slippage;
- High humidity and temperature resistance - to 75 ºC
- High adhesion - minimises risk of improper removal;
- Drip-free after gun pressure is released;
- Easy application;
- Suitable for all sign sizes.

Instructions for use:

The most efficient and effective method for fixing Everlux® signs is to apply Everlux® Adhesive in each corner and in the centre. Place the sign in the correct position and apply even, firm pressure across the surface of the sign holding it in place for a few seconds to ensure good adhesion.

If the Everlux® sign is to be positioned in an area where it may be subject to tampering or improper removal, an alternative method can be used. Apply a thin bead of Everlux® Adhesive around the entire perimeter of the sign and apply even, firm pressure across the surface of the sign holding it in place for a few seconds to ensure good adhesion. It is recommended that the bead is applied 1cm in from the sign edge to prevent unsightly and messy overspill.

Available in packs of 36 tubes.

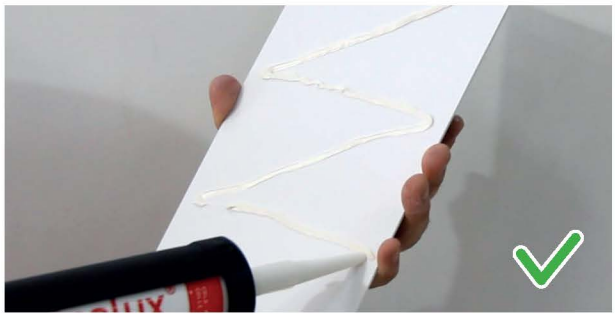
Each tube of Everlux® Adhesive is supplied with a cap for the nozzle to prevent it drying out after use.

When applied correctly, Everlux® Adhesive has been proven to be more cost effective than other adhesive brands.

Packaging and Performance
Tube of 300ml.

Considering a 5 mm diameter of adhesive bead, approximately 15 linear meters, the following yield is obtained.

Size (mm)	Quantity	Size (mm)	Quantity
150x150	29	200x300	17
150x200	25	400x200	14
200x200	21	400x300	12
300x150	19	600x400	8



For further information, consult the Technical Data Sheet and the Material Safety Data Sheet.

Welsh-English Bilingual Signs by Everlux®

Arwyddion Dihangfa Argyfwng *Emergency escape Route signs*

(mm)
300x100
400x150
(*)600x200

(*) Also available in this size

33 001

33 002

33 003

33 004

33 005

33 006

33 007

33 008

33 009

33 010

33 011

33 012

33 013

33 014

(*) 33 015

(*)33 016

(*) 33 017

(mm)
300x150
400x200

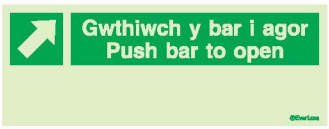
33 101

33 102

(mm)
200x70
300x100
(*)400x150

(*) Only available in this size

33 122



(*) 33 121

(mm)
150x200
(*)200x300
300x400

(*) Also available in this size

(*) 33 151

33 152

33 153

33 154

Arwyddion offer diffodd tân *Fire-fighting equipment signs*

(mm)
100x100

33 401

33 402

(mm)
150x200

33 301

33 302

33 303

33 321

ARWYDDION DWYIEITHOG WELSH - ENGLISH BILINGUAL SIGNS

Arwyddion offer diffodd tân *Fire-fighting equipment signs*

(mm)
150x200
200x300

33 451

33 452

33 453

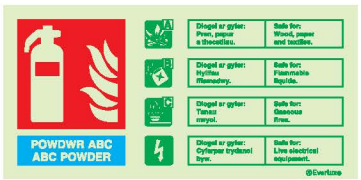
33 454

Arwyddion offer diffodd tân *Fire-fighting equipment signs*

(mm)
200x100

33 501

33 502



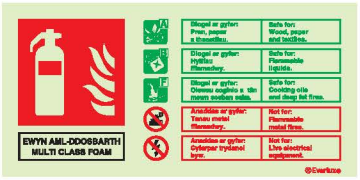
33 504

33 503

33 505

33 506

33 508



33 509

33 510

33 511

Arwyddion gweithredu mewn achos o dân *Fire Action Notices*

(mm)
150x200
200x300(*)

(*) Only available in this size

(*) 33 710

33 701

33 702

33 703

Arwyddion gwahardd *Prohibition signs*

33 601

33 602

(*) 33 603

(mm)
300x100
(*)150x200

(*) Only available in this size

Arwyddion Gwybodaeth *Information Signs*

33 201

33 202

33 203

33 204

33 205

(mm)
100x100

33 251

(mm)
400x150

33 261

33 262

33 263

(mm)
150x200

POLSKO - ANGIELSKIE ZNAKI DWUJEZYCZNE POLISH - ENGLISH BILINGUAL SIGNS

Oznakowanie sprzętu do walki z pożarem Fire-fighting equipment signs

33 751

33 752

33 753

33 754

33 755

33 756

(mm)
200x100

Project - Safety Project Support Tool

Safety project support tool developed specially for designers and other technicians with the responsibility for prescribing signage, which assists in the drafting of safety signs projects. Available in two separate versions so as to carry signage projects, not only in AutoCAD but also in drawings in image format (jpeg, bmp, png) or dxf.

everluxproject@everlux.eu

Excellence by Everlux

The Excellence safety sign system represents the seamless fusion of safety signs into luxurious and designed environments. It emphasizes the aesthetic and decorative style. Excellence uses only high and innovative materials for all sign bases. The Excellence signage system provides an aesthetic finish in which all the background colours are emitted, irrespective of the circumstances (presence/absence of light). Excellence is a patented product. Main features: Innovative design;
Signs allow both the pictograms and the colours to be visible in the dark;
Signs available in Acrylic Glass – Transparent (Crystal), Opaque (Frosted), Black, White and Mirror Bronze - and Metallic base materials - Brushed stainless steel and Brass;
Signs are supplied with fixing accessories.

www.excellencebyeverlux.com

Photoluminescent Maritime Safety Signs

With its photoluminescent maritime safety signs catalogue, Ertecna offers a specific tool for the maritime industry which is according to IMO Resolutions, SOLAS Convention and ISO standards. This tool will allow ship suppliers, shipbuilders, owners and operators, and their safety officers and purchasing managers to swiftly understand the technicalities of safety signage systems design and installation, to comply with the most updated standards on safety signs and consequently to provide a highly safe environment for their crews and passengers.

Product certification:
Lloyd's Register Type Approval
MED Certification
Service Suppliers Approval

www.everluxmaritime.com

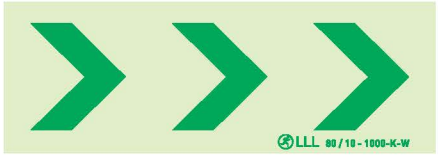
How to compare the photoluminescent properties of safety signs

1. Ideally, the test will be conducted in a room that is lit by fluorescent lighting and that is completely dark after the light source has been removed (storerooms or cupboards are ideal).

2. Lay out a selection of photoluminescent safety signs with the printed surface facing upwards towards the light source. Ideally, the safety signs will be within 25cm (8") of the light source and will need to be exposed to the light for 5 minutes.

3. After the 5 minutes exposure time is complete, turn the signs face down and switch off the light. Leave the signs face down for 2 minutes and then turn them back over so that they are face up and leave the light switched off.

4. In the darkened room you will be able to see the photoluminescent effectiveness of the safety signs. By observing the safety signs over a 15 minute period you will be also be able to observe the respective reduction in intensity/brightness between the photoluminescent safety signs. More often than not, Everlux photoluminescent safety signs and products shine brighter, and for longer, than other comparable products.



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