Everlux Photoluminescent safety signs

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FIREHØW

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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.

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



Aluminium photoluminescent signs for tunnels

Photoluminescent safety signs suitable for road and rail tunnels (pages 96 to 103). The 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.



Reflecto-luminescent signs

Reflecto-luminescent safety signs (pages 104 to 115).

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).

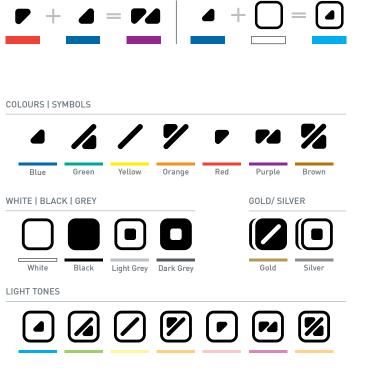
A safety sign communicates its message by using a combination of pictorial graphics, shapes and colours

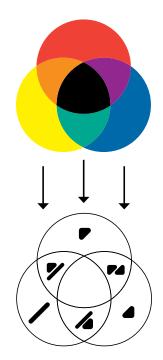


Colour should be for everyone!

... and because colour is an essential component of a safety sign, $\circledast Everlux^{\ast}$ 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.





DARK TONES



By adopting the ColorAdd system, the ③ **Everlux**°catalogue allows colourblind people to fully comprehend all the components of safety sign.

www.coloradd.net



Standards and Regulations ${\mathfrak S}$

The Health and Safety (Safety Signs and Signals) Regulations 1996

European Directive 92/58/CEE of 24th June - Council Directive on the Minimum Requirements for the Provision of Safety and/or Health Signs at Work

European Directive 2004/54/CE 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 (Amendment) Regulations 2011
	The Building (Amendment) Regulations 2012
The Building Regulations	The Building (Repeal of Provisions of Local Acts) Regulations 2012
	The Building (Amendment) Regulations 2013
	The Building (Amendment) Regulations 2017
BS EN ISO 7010:2012	Graphical symbols - Safety colours and safety signs - Registered safety signs (supersedes BS 5499 - 5: 2002 - Signs with specific safety meanings)
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 23601:2009	Safety Identification – Escape and evacuation plan signs
BS ISO 20712-1:2008	Water safety signs and beach safety flags. Specifications for water safety signs used in workplaces and public areas (that replaces BS 5499 - 11: 2002 - Water safety signs)
BS 5499-4:2013	Part 4: Code of practice for escape route signing
BS 5499-4:2013 BS 5499-10:2014	Part 4: Code of practice for escape route signing Guidance for the selection and use of safety signs and fire safety notices
BS 5499-10:2014	Guidance for the selection and use of safety signs and fire safety notices
BS 5499-10:2014 BS ISO 17398:2004	Guidance for the selection and use of safety signs and fire safety notices Safety colours and safety signs classification - performance and durability of safety signs
BS 5499-10:2014 BS ISO 17398:2004 BS ISO 16069:2017	Guidance for the selection and use of safety signs and fire safety noticesSafety colours and safety signs classification - performance and durability of safety signsGraphical symbols safety signs Safety Way Guidance Systems (SWGS)Graphical symbols and signs creation and design of public information symbols
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Severlux[®]

How to order

All **Severlux**^{*}, **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.

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



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

Severlux[®] app

The **Ceverlux** app is the most effective to make your work easier when conducting a site survey or whenever you require photoluminescent safety signs.

With the **Severlux** 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 **Severlux** 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 **Severlux** pwill allow the user to insert signs in the appropriate place, choose the appropriate size and make a complete survey whilst listing all the functions needed.

Ideally, the **Severlux**[°]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.





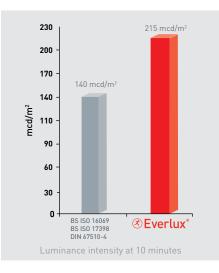
The **Severlux** app is available for iOS (4.3 or higher, for iPhone, iPod touch and compatible with iPad) and Android (version 4.0.0 or higher). This App can be downloaded from App marketplaces by searching for **Severlux**. Full details are also available on <u>www.everlux.eu</u>.



Everlux®

③ Photoluminescence Performance

Technical characteristics of photoluminescent safety signs

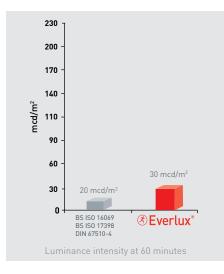


Time after	Luminance Intensity (mcd/m ²)		
removing the exciting light (in minutes)	BS ISO 16069 BS ISO 17 398 ^(*) DIN 67 510-4 ^(*)	𝔅 Everlux®	
10	140 mcd/m ²	215 mcd/m ²	

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

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

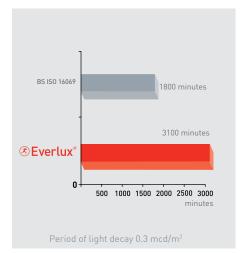
(*) Minimum luminance for class C

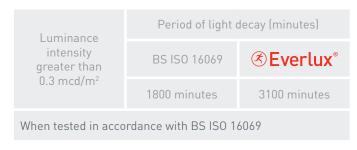


Time after	Luminance Intensity (mcd/m ²)			
removing the exciting light (in minutes)	BS ISO 16069 BS ISO 17 398 ^(*) DIN 67 510-4 ^(*)	𝔅 Everlux®		
60	20 mcd/m ²	30 mcd/m ²		
Massurement criteria in accordance with BS ISO 16069				

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: This is the time (in minutes) during which the luminance intensity is higher than 0.3 mcd/m^2 - a value approximately 100 times greater than the limit of visibility.

Stimulated with 1000 lux, during 5 minutes, with a lamp with colour temperature of $6500\mathrm{K}$

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 60092-101:2002 **Chemical Characteristics:** Non-radioactive, non-phosphorous, lead-free and non-toxic.

Sign performance and technical characteristics

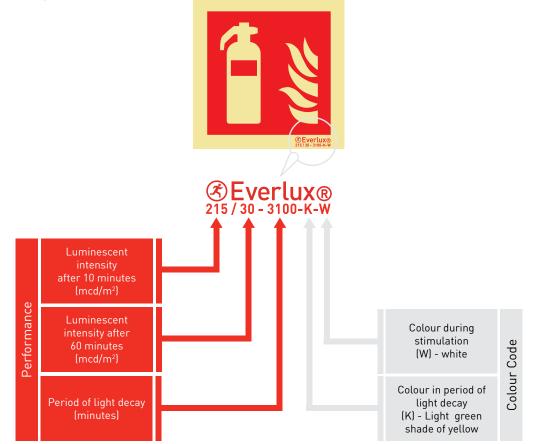
Technical Guarantees

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 photoluminescent, 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 **Severlux**, **Severlux**-LLL and **Severlux**-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)

R Lloyd Regis	l's ter	
Type Approv	al Certificate E	xtension
This is to certify that Cert renumbered as shown.	ificate No. 04/00069(EI) for	the undernoted products is extended and
This certificate is issued to:		
PRODUCER	ERTECNA Lda	
PLACE OF PRODUCTION	EN-309 Azaujos-Brenha 3080-636 Figueira da Foz Portagal	
DESCRIPTION	Photohaminescent Materia	
TYPE	Sinahex Evenhex	
APPLICATION	Marine, offshore, industri Signs and Escape Route III	ial and commercial applications for Safety umination Systems.
SPECIFIED	Fire Retardance Fire Retardance Fire Retardance Laminance tost Laminance tost Laminance tost Laminance tost Laminance tost Laminance tost Laminance tost	IEC 40090-0912002 IEO 15370200 NIR: 13454-3205 (Clause 4.1) IEO 15770200 UNI 2005-1200 UNI 2005-1200 NI 4006-2014/NT 11 RF3CEE (ANPC) NP 406-2014/NT 11 RF3CEE (ANPC) NRIC1340-4.5)
OTHER CONDITIONS	Storage: 5°C to 35°C Product width and app A.752(18) and ISO 15370:2	Humidity: 30% to 75% fication is governed by IMO Resolution 110
Certificate No.	04/00069(E2)	
Issue Date	20 August 2014	10
Expiry Date	19 August 2019	2. Corea
Sheet	1 of 2 Mar	L. Green ine Technology & Engineering Services
Uoyel's Register EMEA 1 Mountbatten House, Group	mor Square, Southampton SO13	Southampton Likoyd's Register EMEA 2/U Likot's feginer Data

S 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 <a>S 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.

- The 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.

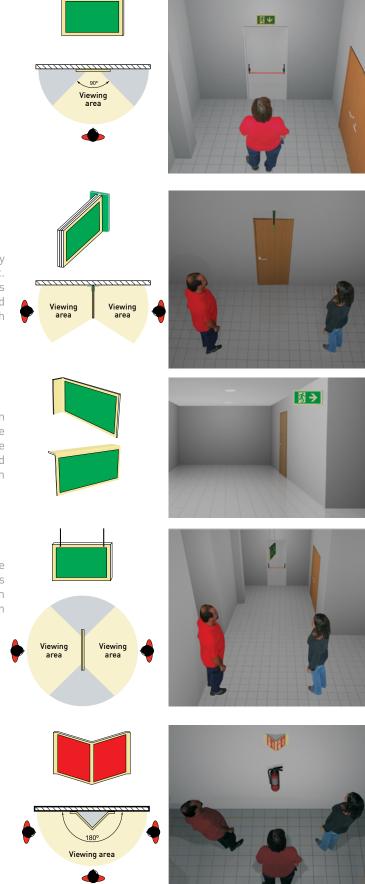
Type 3 (double-sided)

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 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 – escape route signs have a distance factor value (Z) of 170 (considering a $100 \le$ 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)	Sign size (Overall height)	D - Viewing distance
				80	100x100	14
				131	150x150	22
				80	200x100	14
				180	200x200	31
				278	300x300	47
				376	400x400	64
3 3				560	600x600	95
019				80	300x100	14
ω <u>ν</u>	ń			129	300x150	22
- 4		Escape route	4=0	78	400x100	13
2 <mark>-</mark>		signs	170	98	400x120	17
9 <mark>4</mark> 9	Ĵ	5		129	400x150	22
2 a	<u> </u>			180	400x200	31
Escape route signs (BS 5499 - 4: 2013)				129	600x150	22
ш —				180	600x200	31
				276	600x300	47
				176	800x200	30
				276	900x300	47
				364	1200x400	62
				520	1200x600	88
				80	100x100	
		Prohibition				5
		signs or		131	150x150	8
		mandatory		180	200x200	11
		action signs		278	300x300	17
		5		376	400x400	23
				56	base 100	3
				94	base 150	6
S	Hazard sig	Hazard signs		130	base 200	8
ß				193	base 300	12
— – –				264	base 400	16
than route signs 3864-1:2011)				65	80x80	4
0 C				80	100x100	5
				131	150x150	8
1ar 864	h h		60	180	200x200	11
33 38				278	300x300	17
Sings other t (BS ISO 3				376	400x400	23
10 th				36	150x50	2
BS		Γ.		36	200x50	2
- Gu		Fire		57	200x30	3
Sil		equipment		80	200x100	5
	Ĩ	signs		57	300x70	3
				80	300x100	5
	······································			129	300x150	8
	h			80	400x100	5
				98	400x120	6
				129 180	400x150	8 11
				129	400x200 600x150	8
				180	600x200	11

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

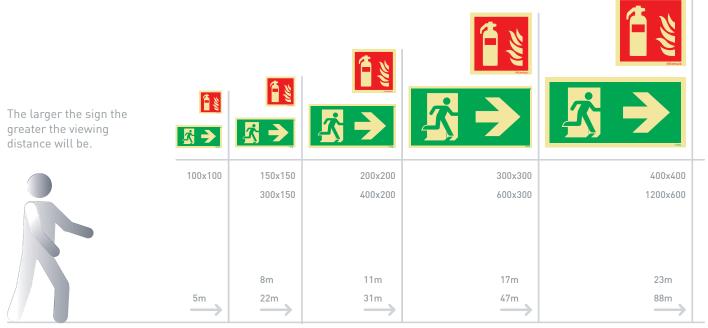
Siewing distances

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.



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.

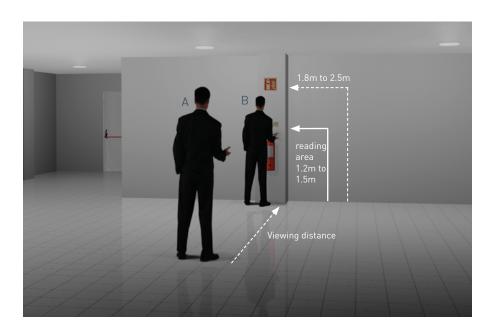
Signs located at the Intermediate Location Level are intended for the user of the identified equipment. This signage contains complementary information advising the correct usage of the equipment or what actions are required and should therefore be installed at a height of between 1.2 and 1.8m.

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 ${\mathfrak S}$

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.

The 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 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 firefighting equipment.

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

Prohibition, mandatory action and hazard 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 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.

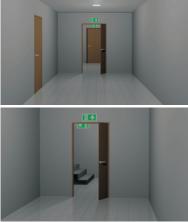
Signs for industrial areas

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.





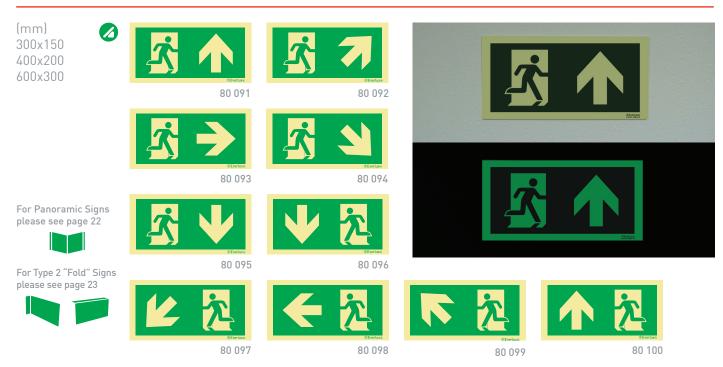




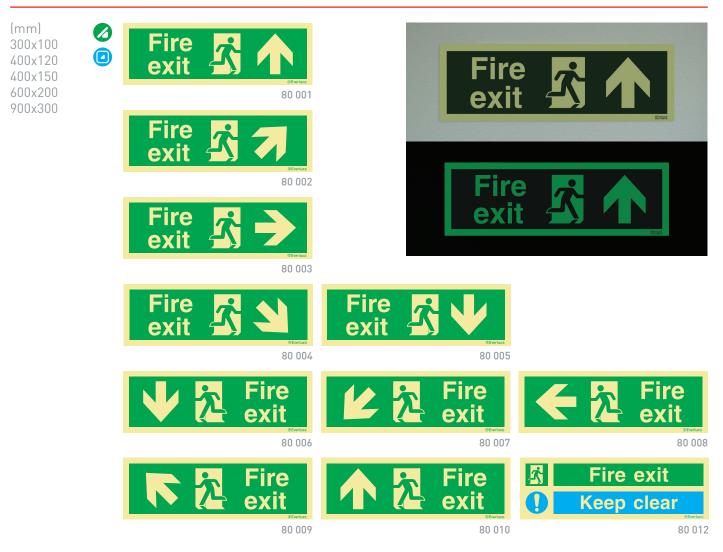




BS ISO 7010 escape route signs



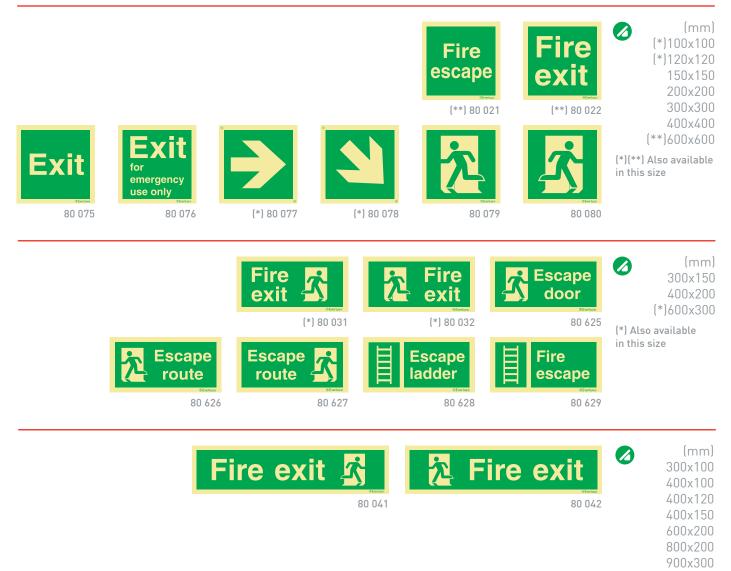
British Standard escape route signs with text



British Standard escape route signs with text



British Standard composite escape route signs



European Council Directive 92/58/EEC escape route signs

(mm) 300x150 400x200 600x300	22 J	U U E (Certise 80 122		2† →
	E L' 20 (evenue 80 123	E C S S (124) 80 124		⋩ →
	R R R R R R R R R R	24 1	11 1 2 <i>B</i> 1 2 8 1 2 7	2 7
For Panoramic Signs please see page 22	23 → 1 80 129	22 Survey	80 131	80 132
For Type 2 "Fold" Signs please see page 23	22 2 2 2 1 3 2 1 3 3	22 - 29 or other 80 134	EXERC 80 135	EXAMPLE 1 80 136

Escape route signs for people with reduced mobility

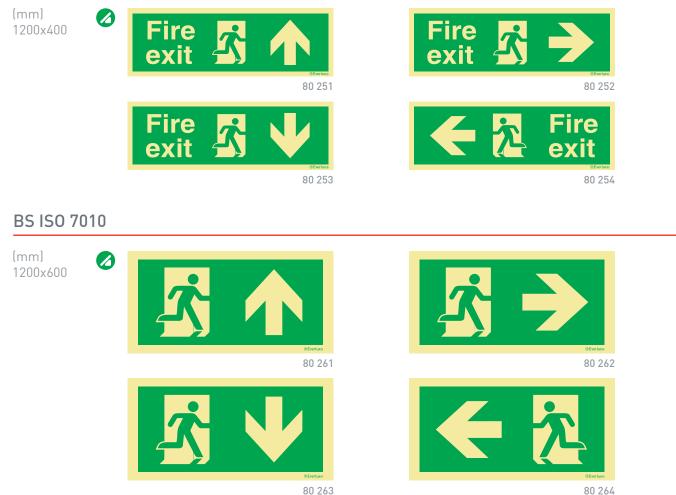
(mm) 150x150 200x200 300x300	Image: Second
(mm) 150x200 200x300	 Image: Second sec
(mm) 300x100 400x150	Your refuge point is:

Escape route signs for people with reduced mobility

				(mm)
↓ 2	ビガ	€ →	र हे	300x150 400x200
******* 80 181	®Eventurie 80 182	020vertuno 80 183	80 184	600x300
	it, 7	i 5, →	لا بخ	
80 185	80 186	@Evertuxx 80 187	0 Contax 80 188	
	1 1 3			(mm) 300x100
	• 7	80 191	² 2 3 80 192	400x150 600x200
80 19		80 194	80 195	
	5 -5 -			
80 19	0	80 197	80 198	
Fire 🛃 🛣 🛧	Fire 🛃 🍒	Fire exit		(mm) 300x100
exit C T T T T T T T T T T T T T T T T T T		80 200	80 201	400x150 600x200
Fire 🛓 🔂 🗸		Fire	ନ 🛃 Fire	
exit (2) (4) (6) (6) (6) (6) (6) (6) (6) (6) (6) (6		exit 80 203	80 204	
				()
		7	Refuge Ø	(mm) 300x100 400x150
			80 205	600x200
Refuge point	Refuge	Ref po	uge " 🧯 🖌 int 🦼	
80 20		00Ewrlass 80 207	eterritari 80 208	
Refuge	Re بالله الله الله الله الله الله الله الله	oint	n [™] [⊯] Refuge [™] [™] point	
80 20		00vrtas 80 210	80 211	

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

British Standard with text



80 263

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.



British Standard with text



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.

80 296

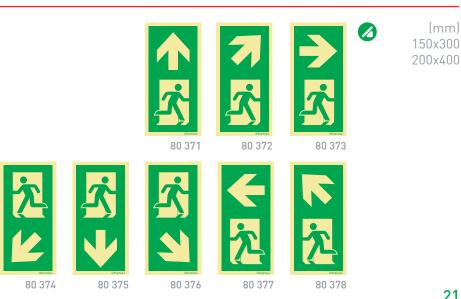
80 297

80 295

(mm)150x240 240x400

BS ISO 7010



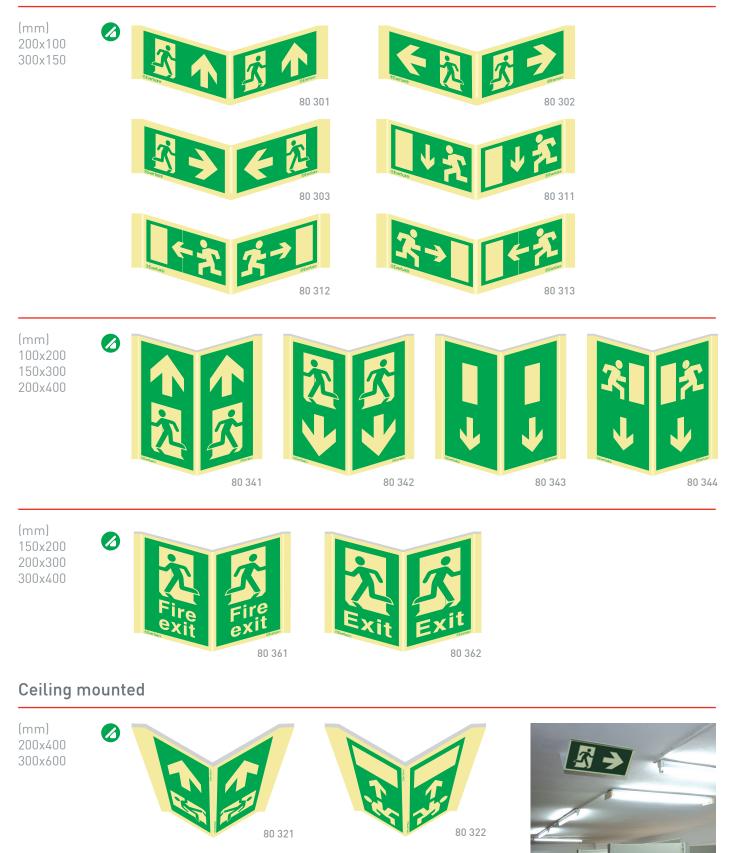


80 298

80 299

Panoramic signs - signs which offer 180° visibility

Wall mounted



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.

BS ISO 7010

80 454

80 455



80 456

80 457

80 458

NHS (HTM65) Escape route signs

(mm)

300x100

400x150 600x200

Health Technical Memorandum 65 specifies the range of escape route fire safety signs to be used in NHS premises. These signs include the symbol depicting flames, in accordance with the HTM 86 for Fire Risk Assessment in hospitals.









80 382

Fire exit









80 385

80 396

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. If someone is missing help can then be directed to find those individuals.

(mm) 150x150 200x200 300x300 400x400

[mm]

For Four-Sided for 360° viewing angles assembly point signs, see page 119.

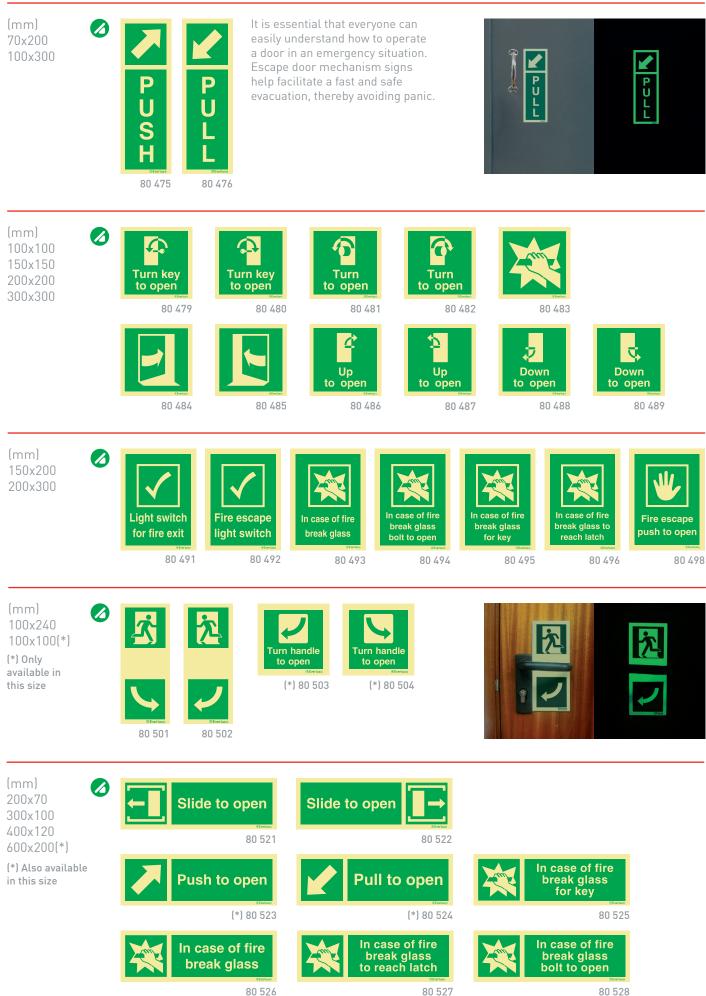
Ensure protective film is considered when installing signs in exposed areas.

[mm] 150x200 200x300 300x400 400x600	K K K K	Сантах 80 406		Assemb point		
(mm) 300x100 400x150 600x200	Assembly point 80 410	80 409	Assembly Dimensional Dimensiona Dimensiona Dimensional Dimensional Dimensiona		Assemb point	
(mm) 200x100 300x150 400x200 600x300		N . E N . E S E e i a c 8 0 433	K 80 432	•	V	
(mm) (*)150x50 (*)200x70 200x50 300x70 400x100 600x200 (*) Only available in this size	case of fire your sembly point is:		assembly point is: etwitar (*) 80 411			

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

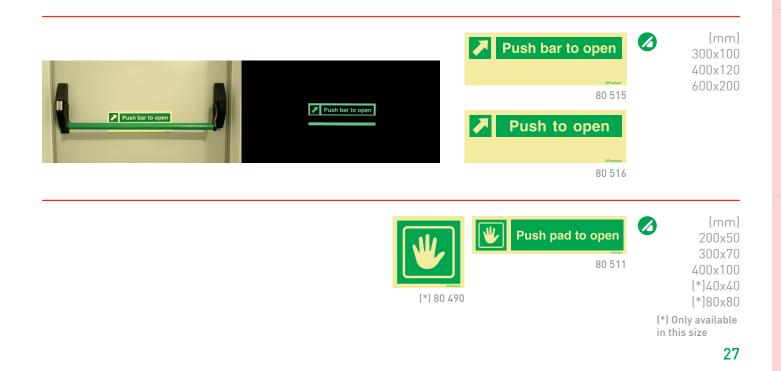


Door mechanism signs



Door mechanism signs (*)(**)Only (mm) available in P Emergency (*)100x100 P Door this size door (**)200x100 release release (**)300x150 or releas (**)400x200 (**) 80 531 (**) 80 532 (*) 80 535 (*) 80 536 (mm) 150x200 200x300 emergency lift and break 80 497 (mm) 1200x35 80 537 1200x57 1200x83 Door frame outlined in photoluminescent rigid PVC with a 2mm thickness.

	(mm)
80 538	900x16 900x27
Available in self-adhesive photoluminescent vinyl with a 0.2 mm thickness. Please see page 118 for further details.	900x35



Floor and stair level identification signs

(mm) 300x150 Placed at consistent location points on each floor landing and are of great importance. They

enable people to orientate themselves at all times, thereby reducing the risk of disorientation which can cause confusion and lead to panic.



Safe Condition Signs

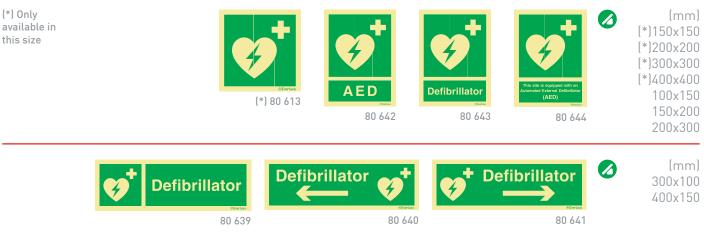


Safe Condition Signs

First aid station		Stretcher 80 631	(mm) 300x100 400x150 600x200
Atron .	First aid station	Your first aider is:	
First aid station	Emergency equipment	Emergency telephone	
	equipment Remove 80 634	telephone Renter 80 635	
Emergency eye wash	Emergency shower	Breathing apparatus	
80 636 Panoramic Safe Condition Signs	80 637	80 638	
First aid station First aid station			(mm) 100x100 150X150 200x200 300x300
80 651	80 652	80 653	
Defibrillator Defibrillator			
AED Location Signs	80 655	80 656	

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.



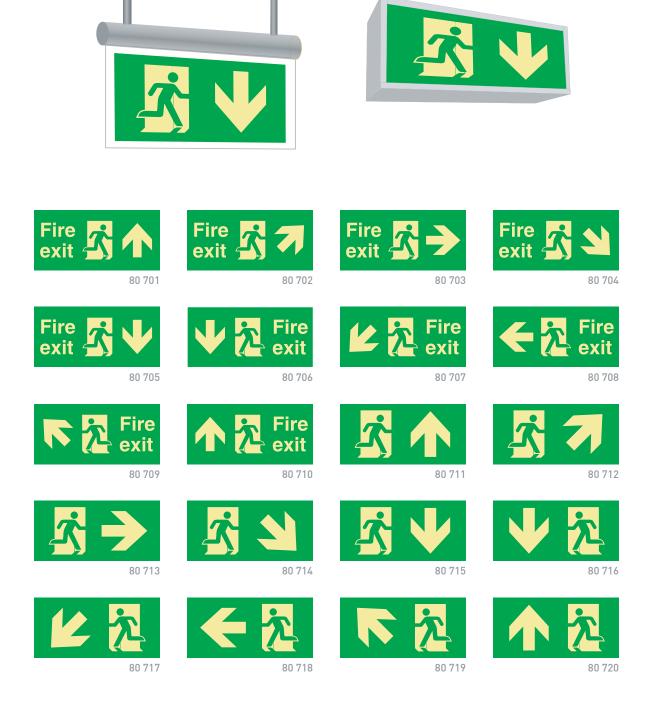
S Everlux Self-adhesive decals for luminaires and bulkhead style light fittings

(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.

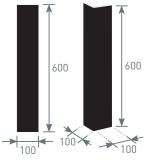
The decals are available in a range of sizes to suit most luminaires and bulkhead light fittings. They can be easily cut to the appropriate size, thereby resolving this perennial problem with a simple engineered solution!



Marking strips

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







81 801 81 802

81 805 81 806

S 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

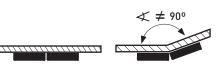
- Material: cellular neoprene
- Resistance to fire: self-extinguishing (ex-class M1)
- Coated with photoluminescent material



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.





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



81 804

900



areas (see scheme below).

Sizes in mm



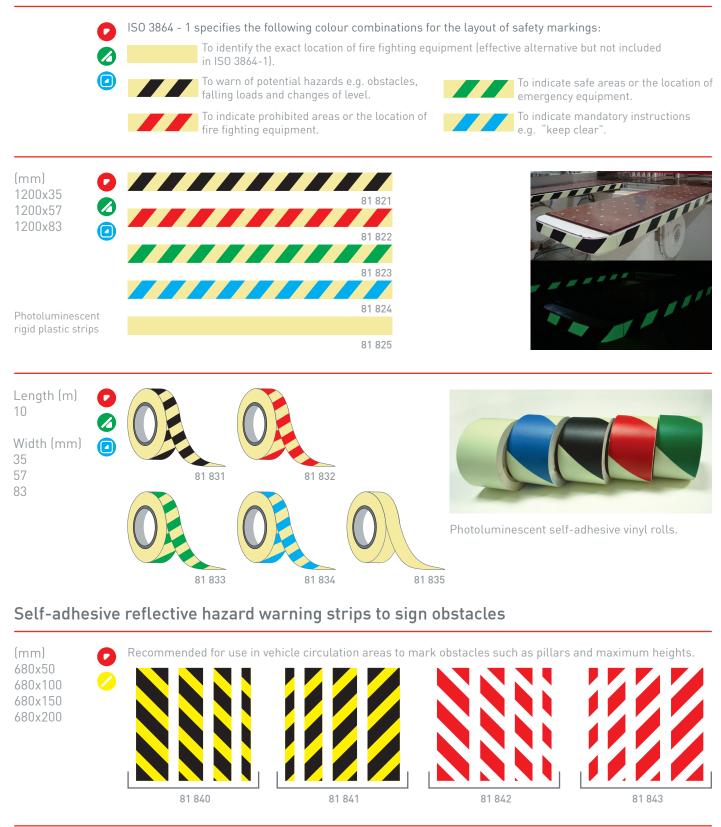
Bumper for edges

88 566

31

Marking strips

To highlight obstacles, hazards and safe areas

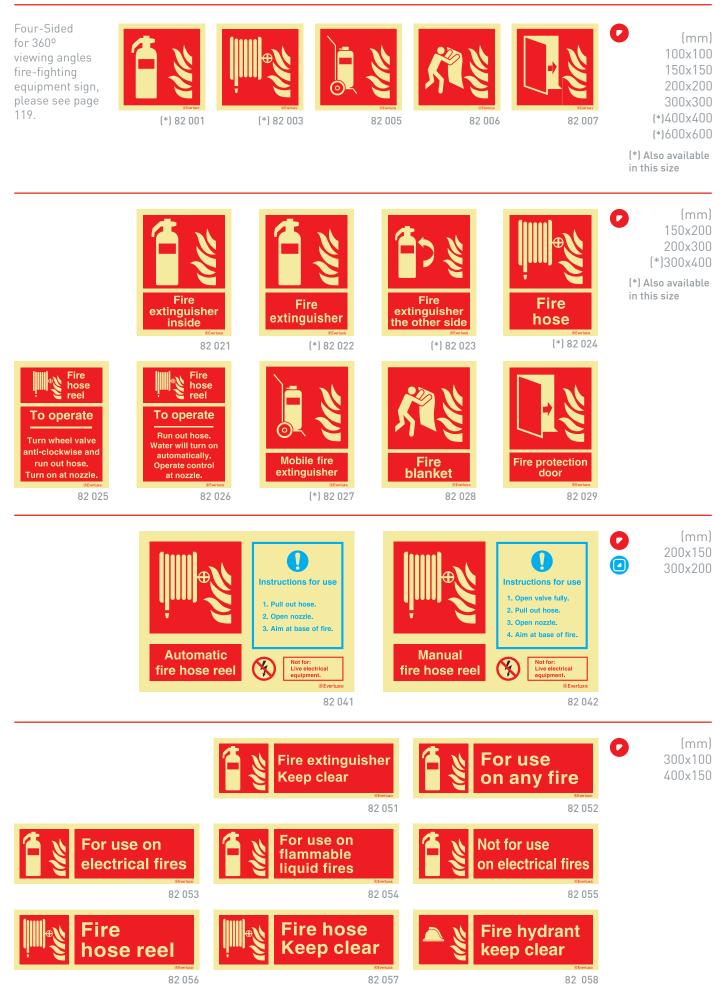




Available in self-adhesive reflecto-luminescent vinyls.

For product specifications see page 106.

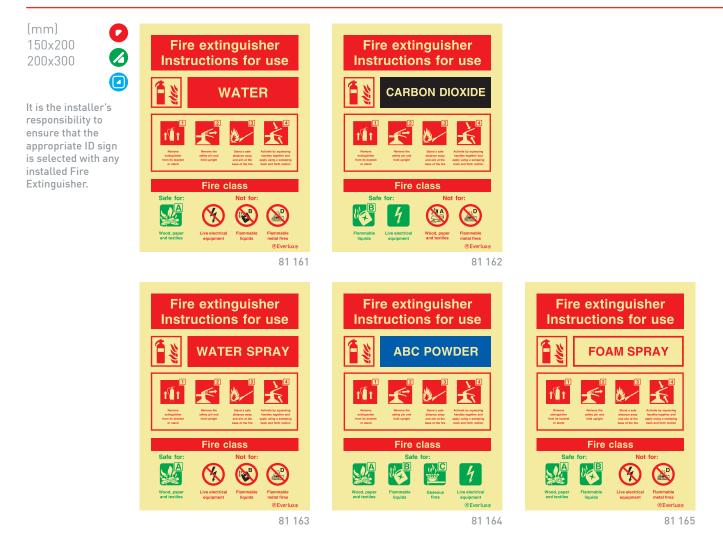
Fire extinguisher and fire hose reel signs



Fire extinguisher and fire hose reel signs



Fire extinguisher instruction for use signs



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

③ 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.

75x200

0

(mm)

ID signs ensure full compliance, in all situations, with the standard BS 7863 and with the newly amended Standards 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".

Ê ¥		
WATER	FOAM SPRAY	CARBON DIOXIDE
Safe for: Wood, paper and textiles.	Safe for: Wood, paper and textiles.	Safe for: Flammable Ilquids.
Not for: Live electrical equipment.	Safe for: Flammable liquids.	Safe for: Live electrical equipment.
Not for: Flammable liquids.	Not for: Live electrical equipment.	Not for: Wood, paper and textiles.
Not for: Flammable metal fires. ©Eventure	Not for: Flammable metal fires. ©Evertures	Not for: Flammable metal fires. ØEverlace
82 201	82 202	82 203
	<image/> <section-header><image/><image/><text><text><text><text><text><text><text></text></text></text></text></text></text></text></section-header>	Fire Banker by Banker banker Banker be Banker Banke
82 207	82 208	82 209
Monnex	HYDRO-SPRAY	WATER SPRAY
Safe for: Flammable liquids.	Safe for: Wood, paper and textiles	Safe for: Wood, paper and textiles.
Safe for: Gaseous fires.	Not for: Live electrical equipment.	Not for: Live electrical equipment.
Safe for: Live electrical equipment.	Not for: Flammable liquids.	Not for: Flammable liquids.
Not for: Wood, paper and textiles. @Evertuxs	Not for: Flammable metal fires. @Evertux@	Not for: Flammable metal fires, @Everlux@
82 213	82 214	82 215



 \bigotimes

82 216

ſ		
BC F	POWDER	
0	Safe for: Flammable liquids.	
<u>א</u> ר ב	Safe for: Gaseous fires.	
4	Safe for: Live electrical equipment.	
8	Not for: Wood, paper and textiles. @Everlage	
	82 205	
	i fiez	

82 211

 \bigotimes

82 217



M28 POWDEF

212

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

	Not for: Gaseous fires,
	@Ev
	82
É	
WAT AI	ier Wi Dditivi
	Safe for: Wood, pap and textile
	Not for: Flammable liquids.
	Not for: Flammable metal fires
\bigotimes	
	®Ev
	02

82 218

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

(mm) 150x100 200x150 (2) (2) (2)	WATER	With Strategy	FOAM SPRAY	With the standard stand standard standard stand standard standard stand standar				
It is the installer's responsibility to ensure that the appropriate ID sign is selected with any installed Fire Extinguisher type.	CARBON DIOXIDE	Barber Barber	ABC POWDER	With Bar	BC POWDER	Safe for: Gaseous fires. Safe for: Live electrical equipment.	D POWDER	Base of the the sector of t
	THE CHEMICAL	Image: State	FIRE HOSE REEL	With dright states With states <td>Chip pan fires. Wrapp</td> <td>et ins bio bio bio bio bio bio bio bio</td> <td>WATER MIST</td> <td>Bank of the sector Week of the sector</td>	Chip pan fires. Wrapp	et ins bio bio bio bio bio bio bio bio	WATER MIST	Bank of the sector Week of the sector
	L2 POWDER	Barbarnell Starter Construction Construction Construction Construction Construction Starter Construction Starter	M28 POWDER	Barbar Ba		2 Safe for: Gaseous fires. Safe for: Live electrical equipment.	HYDRO-SPRAY	Image: Second system Weiter Second system Image: Second system Merric Second S
	WATER SPRAY	Water With Jean With Jean With Jean Definition Definitio	MULTI CLASS FOAM	With Barger With Ba	ALCOHOL RESISTANT FOAM	Safe for: Flammable liquids. Not for: Flammable metal fires.	WATER WITH ADDITIVE	Barbon Weiter Weiter Barbon Barbon <td< td=""></td<>

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.







82 312

82 315



Extinguisher N ^o	CARBON DIOXIDE	Bate of the formation of the forma
		82 313



82 3 1 6



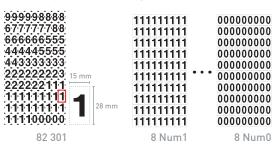
36

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



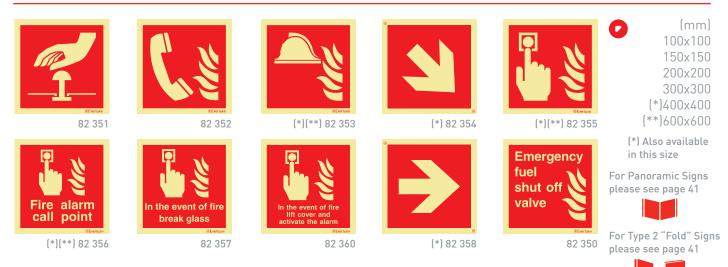


Know your fire extinguisher information signs

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.

A N	Know	ı your	fire ex	tingui	shers
	WATER	FOAM SPRAY	CO2	ABC POWDER	WET CHEMICAL
Wood, paper and textiles.	Safe for	Safe for	Not safe for	Safe for	Safe for
Flammable liquids.	Not safe for	Safe for	Safe for	Safe for	Not safe for
Gaseous fires.	Not safe for	Not safe for	Not safe for	Safe for	Not safe for
Cooking oils and deep fat fires	Not safe for	Not safe for	Not safe for	Not safe for	Safe for
Live electrical equipment.	Not safe for	Not safe for	Safe for	Safe for	Not safe for
					82 3

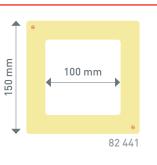
Fire equipment and fire alarm call point signs



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.



(mm)

150x150

Fire equipment and fire alarm call point signs (mm)100x200 150x300 200x400 82 401 82 402 (mm) 100x60(***) Fire point: Fire 150x75(***) In the event of fire point lift cover and 200x200(*) Fire equipment activate the alarm 300x300(*) location point 400x400(*) (*) 82 359 (**) 82 421 (**) 82 422 (***) 82 403 200x150(**) 300x200(**) 400x300(**) 150x200 200x300 300x400 n the event of fire **Fire** Fire Fire er and point phone alarm ctivate the alarn (*) (**) (***) Only available in this size 82 423 82 424 82 425 82 426 82 427

Personalised fire equipment missing signs

(mm) 75x200



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



Fire equipment signs

Emorgonov			(mm)
Emergency stop	Fire telephone	Dry powder	(*)200x70 300x100 400x120
82 461	(*) 82 462	82 463	(*) Also available in this size
Open valve in the event of fire	Wet riser	Sprinkler stop valve inside	
82 464	82 465	82 466	
Fireman's switch	Dry riser	Fire hydrant	
82 468	82 469	82 470	
Fire Plan	Fire alarm control point inside	Fire bucket	
82 471	82 472	82 473	
Fire alarm control panel	Sprinkler control valve	Fire fighting equipment stored inside	
82 474	82 475	82 476	
Automatic fire alarm control point	In the event of fire break glass	Fire alarm call point	
82 477	(*) 82 478	(*) 82 479	
Mains electricity cut off point	Local electricity cut off point	Gas supply cut off point	
(*) 82 480	(*) 82 481	(*) 82 482	
Manual control of smoke ventilation	Manual control of fixed fire extinguishing system	Area with smoke detectors	
82 483	82 484	82 485	
Fire pump	Area equipped with fixed fire extinguishing system	Warning Device sounder	
82 486	8Eveture 82 487	*6evertuse 82 488	
Warning! Under the Health & Safety Act 1974 it is a criminal offence to tamper with the Fire Protection Equipment installed in these premises	Dry riser landing valve	Sprinkler flow switch	
82 501	82 492	82 491	
Sprinkler flow switch	SPRINKLER PUMP MOTOR SUPPLY NOT TO BE SWITCHED OFF IN THE EVENT OF FIRE	In the event of fire lift cover and activate the alarm	
82 494	82 495	82 496	

Fire equipment signs



Gaseous & deluge suppression system signs



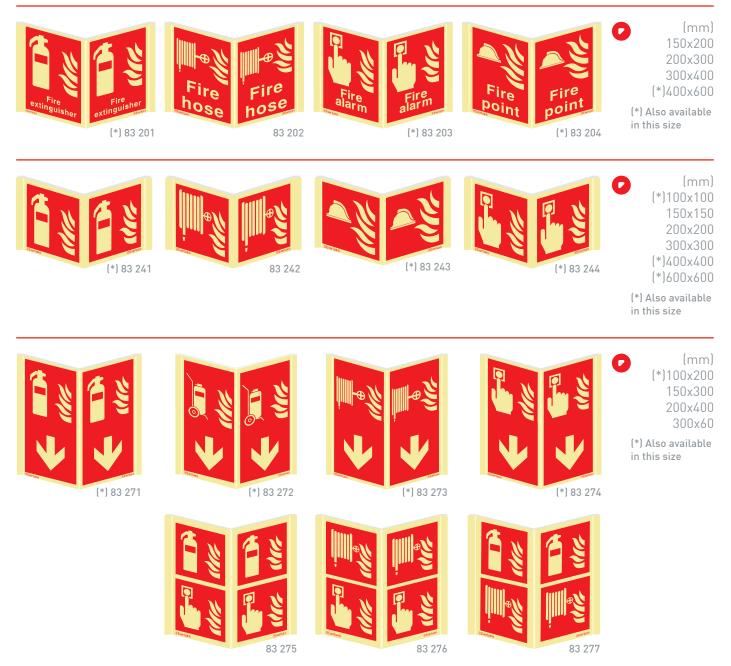
Numbers for marking fire equipment and other purposes

(mm) 75x150 100x200 150x300





Panoramic fire equipment signs



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.











(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



Staff Fire Action Routine 1. Operate nearest fire alarm. 2. Call the Fire Brigade. 3. Fight the fire, if safe and trained to do so. 4. Evacuate the building by the nearest available exit. DO NOT stop to collect personal belongings. DO NOT re-enter until told it is safe to do so In the event of fire break glass

83 352







Fire Action

1. Operate nearest

2. Leave building by the nearest exit.

3. Report to assembly

DO NOT stop to collect personal belongings.

DO NOT re-enter until told it is safe to do so

In the event of fire break glass

point.

Fire Action 1. Operate nearest 1 fire alarm. 2. Leave building by Ż the nearest exit. 3. Report to assembly " " point. DO NOT use lifts. DO NOT stop to collect personal belongings. DO NOT re-enter until told it is safe to do so In the event of fire break glass 1

83 354

83 359



Fire Action Notices **(**

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Fire Action Notices

Procedures in case of emergency

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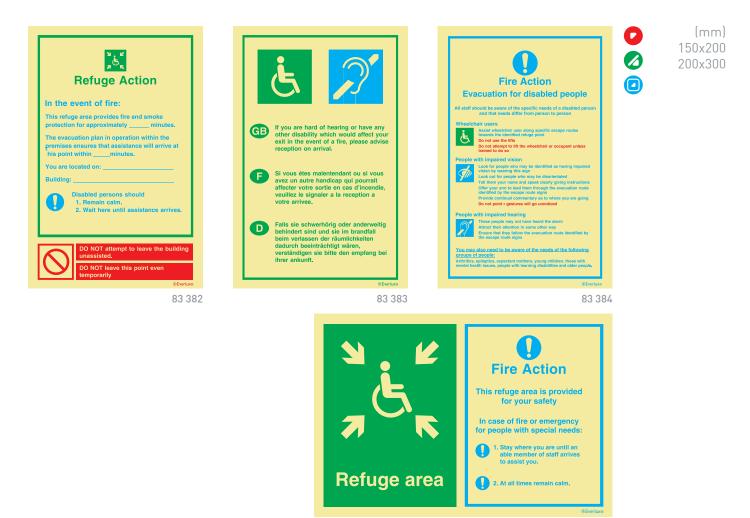
(mm)150x200 200x300 **Fire Action Fire Action** If you discover a fire: Any trained person discovering or suspecting a fire: **Fire Action** 1. Immediately operate the n 1 1. Sound the alarm immediately. 2. Attack the fire, if possible, with appliance provided but without taking personal risk. 1. Operate nearest 1 2 2. Dial _____ to call the Fire Brigade. On hearing the fire alarm: fire alarm. 3. The Duty Officer will call the fire Brigade immediately. a - Dial 999 b - Give operator your telephone number and ask for Fire, c - When the fire brigade replies give the address clearly. 3. Fight the fire, if safe and trained to do so, with the appliances provided. 2. Leave building by Ż the nearest exit. On hearing the fire alarm: 3. Report to assembly 4. Leave the building by the quickest route. Call fire & Rescue Services immediately to every fire or suspicion of fire. , # point. 4. Leave by the nearest available exit: The Duty Officer will take charge of the evacu Report to the assembly point which is: 5. Close all doors behind you. ^Nn^R 6. Report to assembly point and remain there until authorised to leave. a H Your assembly point is: DO NOT stop to collect personal belonging DO NOT return to the building for any rear until authorised to do so. DO NOT stop to collect ersonal belongings. 83 373 83 374 83 375 ļ **Fire Action Fire Action Fire Action** Leave the room shutting the door behind you. IF YOU DISCOVER A FIRE: IF YOU DISCOVER A FIRE ind the alarm by Operate the fire alarm using the nearest available call point. The telephone operator will call the fire brigade by dialling 999 on an exchange line. 2. Dial to call the fire brigade 3. Tackle the fire using the appliances provided but DO NOT risk your safety or that of others. ON HEARING THE FIRE ALARM ON HEARING THE ALARM IF YOU HEAR THE FIRE ALARM Leave the building IMMEDIATELY. If necessary move the patients/visitors to the next safe area and await further eave the building by the nearest Proceed to the assembly point at 2. Close all doors behind you. The senior member of staff will do roll call of the patients/visitors/staff Do not stop to collect personal belongings. Do not re-enter the building. or re-enter the fire area for any reason until authorised to do so DO NOT collect personal belongings. 2. DO NOT take risks. 3. DO NOT use lifts. DO NOT re-enter the building u authorised to do so. Fire alarm call point 83 376 83 377 83 378 Fire point , , , , Fire Orders **Refuge Action** In the event of fire: This refuge area provides fire and smoke 1. Raise alarm protection for approximately _____ minutes to your assembly point The evacuation plan in operation within the 2. Ensure caravan or building remises ensures that assistance will arrive at Action on hearing the alarm this point within _____minutes. is evacuated. 3. Call the fire brigade. The nearest telephone is: **Disabled persons should** to your assembly point 1. Remain calm 2. Wait here until assistance arrives. It is in the interest of all occupiers of this site to be familiar with the above routine, the method of DO NOT attempt to leave the building Do not return to your work station until cleared to do s raising the alarm and operating the DO NOT leave this point even fire fighting equipment. by the incident controller. 83 380 83 379 83 381

Fire Action Notices **(**)

83 385

Procedures in case of emergency

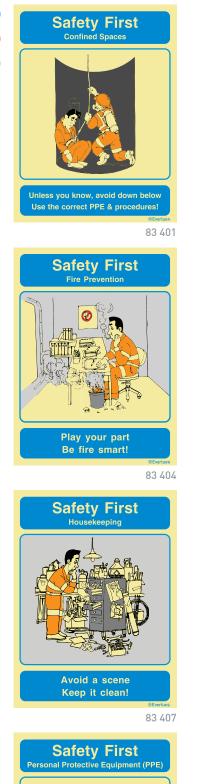
Fire action notices give clear instructions to all staff and public of the correct procedures in case of emergency. They should be prominently installed in key locations, e.g. above fire alarm call points, reception areas, lifts, etc.



Safety Notices

Safety Notices

(mm) 300x400 400x600





83 410





Informed is better than deformed!

83 405



83 408



A wound neglected is a wound infected Seek medical attention!



83 403



83 406



Use hearing protection!



Escape Plans 📰

Escape Plans In accordance with BS ISO 23601:2009

The BS ISO 23601:2009 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 must 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.)

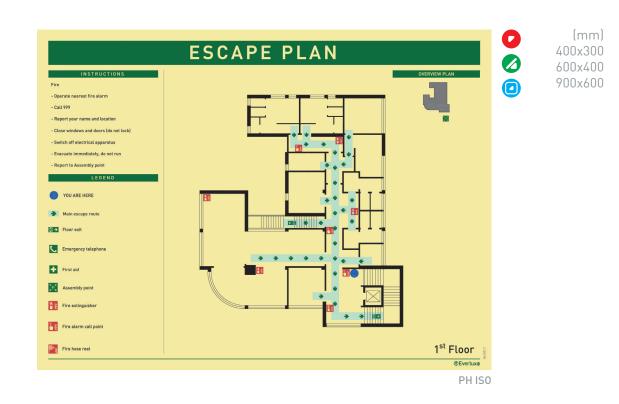
Escape Plans for hotels, schools, shopping centres, hospitals...

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 andb) 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 congregation 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. I 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.



📰 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 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 HFL







PH HES



PH VES

Escape Plans 📰

(mm)

200x300

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

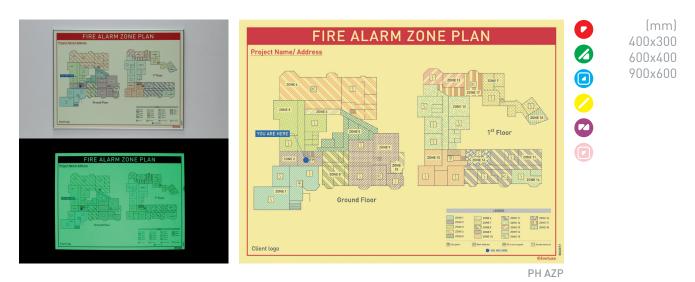
Terres Everlux° Escape Plans in a 200x300mm format are appropriate for hotel rooms, guest house rooms, and care homes providing information of escape routes, location of fire equipment and safety instructions for guests and occupants.



Alarm Zone Plans

The newly amended 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."

The second secon

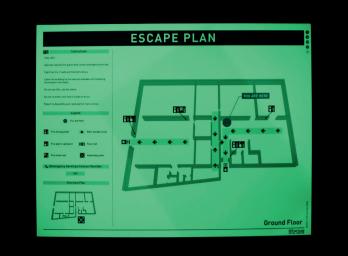


Escape Plans

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







Mandatory Signs **Q**





O Mandatory Signs

Fire door signs



Warning signs $ilde{\Delta}$

Warning signs

		Centus (*) 84 001	(mm) 100x100 150x150 200x200 (*)300x300 (*) Also available in this size
<u>скика</u> 84 003	Eventer 84 004 84 005	2006 Sector 84 0	07
etwe 84 008 (*)	84 009 84 010	OFFICIE 0 84 011 84 0	For industrial equipment self-adhesive signs please see page 77.
Danger High voltage (*) 84 051	Danger Live wires 84 052	Danger Electric shock risk	(*)600x200 53 (*) Also available
Electrical switch gear ** 84 054	Danger Overhead cables Reverted 84 055	Danger of death	in this size
Danger Explosive materials Control Control State (*) 84 057	L. P. G. Highly flammable Perter [*] 84 058	Danger Flammable material Start 84 0	
Highly flammable 84 060	Danger Flammable liquid Normal 84 061	Caution Slippery floor surface	62
Caution Trip hazard	Danger Risk of falling 84 064	Warning Sudden drop	65
Warning Low temperature Revuerse	Danger Dust hazard B4 067	Motor starts and stops automatically 84 0	68
Warning Forklift truck in operation	Warning Forklift truck access only return 84 070	Danger Arc flash)

∆ Warning signs

Warning signs



Warning signs 🛆

Please contact

or further information about the scher

This scheme is controlled by

.....



Please contact

further information about the sch

This scheme is controlled by

.....

84 192

84 191



55

An aluminium option is available for this range

O Mandatory signs

Personal protective equipment (PPE) signs



Mandatory signs **Q**

Personal protective equipment (PPE) signs



\odot Prohibition signs

Signs prohibiting dangerous actions



Prohibition signs \otimes

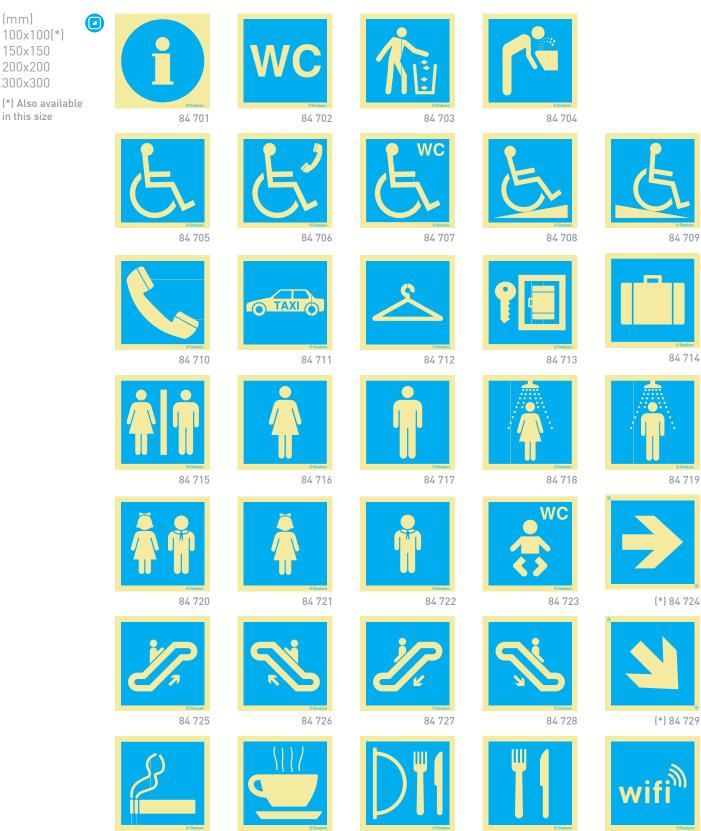
Signs prohibiting dangerous actions

No exit	CENTRE 84 501	Image: Sector Image: Sector 84 502 84	(mm) 100x100 150x150 200x200 300x300
Exercise 84 504	Vector Vector 84 505 84 506	Extra 84 507	Ecuriue 5 508
84 509	Review Review 84 510 84 511	84 512 84	For industrial equipment self-adhesive signs please see page 77
		No exi	(*)600x200
No entry (*) 84 55	52 Strictly no admittance		Evertues
No access Authorized personnel only Reverse 84 55	55 No access fo pedestrians	run	Certur 5 557
Do not touch	Do not obstruct Access to fire fighting equipment is required at all times		r 560
No mobile phones	Do not use scaffold	Don't use lift	-
No admittance without protective clothing 84 56	No unauthorized person may use this equipment	No eating No drinkin	
No helmets to be worn 84 56	Storage or depositing of flammable material in this cupboard is not allowed	No escap	Prohibiting

i Public information signs

 ${\ensuremath{\mathfrak{S}}}$ Sinalux" signs by ${\ensuremath{\mathfrak{S}}}$ Everlux" - Public information signs

84 730



84 731

84 732

84 700

Public information signs i

${\ensuremath{\mathfrak{S}}}$ Sinalux° signs by ${\ensuremath{\mathfrak{S}}}$ Everlux° - Public information signs

		0.5x4tx 84 751	escute 84 752	encert 84 753	(mm) 150x150
		E source 84 734	Голико 1944 ТЗ5	€ • Sector 84 736	(mm) 150x150 200x200 300x300
EVALUATION	100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 10 1	estates 84 739	verer 84 740	verter 84.741	
Birden 84 742	1 84 743	8 4 744	1 1 1 1 1 1 1 1 1 1	84 746	
Toilets Personal 84 795	Toilets Postare 84 796	Toilets ***** 84 797	THE WC Sector 84 798	WC USURER 84 799	(mm) 200x100 300x150 400x200
WC V 255400 84 800	EXAMPLE WC (2014)	Product 84 802	♦ WC → 84 803	* WC	
← WC ♠ 84 805	† WC 84 806	№ WC → 84 807	† WC 	← WC 1 84 809	
1 1 1 1 1 1 1 1 1 1	2 3 3 4 3 5 1 1 1 1 1 1 1 1 1 1	4 5 84 854 84 855	6 84 856 7 84 857	84 858 84 859	(mm) 75x150 100x200 150x300 200x400

$m \uparrow$ Signs for wind turbines

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.

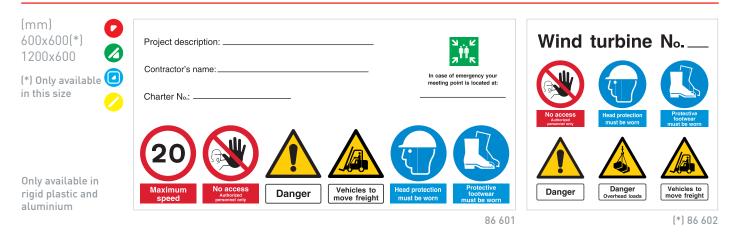
Severlux® are acutely aware of the special safety requirements that apply to wind turbines and as such they have developed a range of signs that are specifically designed to meet the requirements of this unique industry. The range of signs is intended to convey Information, Warning, Prohibition and Mandatory 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.





Signs specific for wind farms



Signs for wind turbines $\, \uparrow \,$

Warning signs (mm) Diam. 80 Self-adhesive signs supplied in sheets of 12 units 86 605 86 606 86 607 86 608 (mm) Maximum load 300x100 Kg/m² 86 609 Grounded and Dangerous voltage **Risk of falling** Discharge time short-circuited 86 610 86 611 86 612 Dangerous Danger For gap measurement: Switch off auxiliary voltage Ice or snow falling rotor heating Only available in self-adhesive vinyl 86 613 86 614 86 615 (mm) base 150 base 200 Only available in self-adhesive vinyl 86 617 86 618 (mm) 200x300 300x400 Danger falling ice





Only available in rigid plastic and aluminium

$m \uparrow$ Signs for wind turbines

Prohibition signs

(mm) Diam. 80 Self-adhesive sign supplied in sheets of 12 or 6 units 86 631 (mm) Only climb Lift Do not move out of ladder 300x100 and work on rotor eze when ascending out of order or descending if lock set Only available in self-adhesive vinyl 86 632 86 633 86 634 (mm) • 200x200 Do not switch Work in progress Removing the sign only by Magnetic sign 86 635

Mandatory and personal protective equipments signs

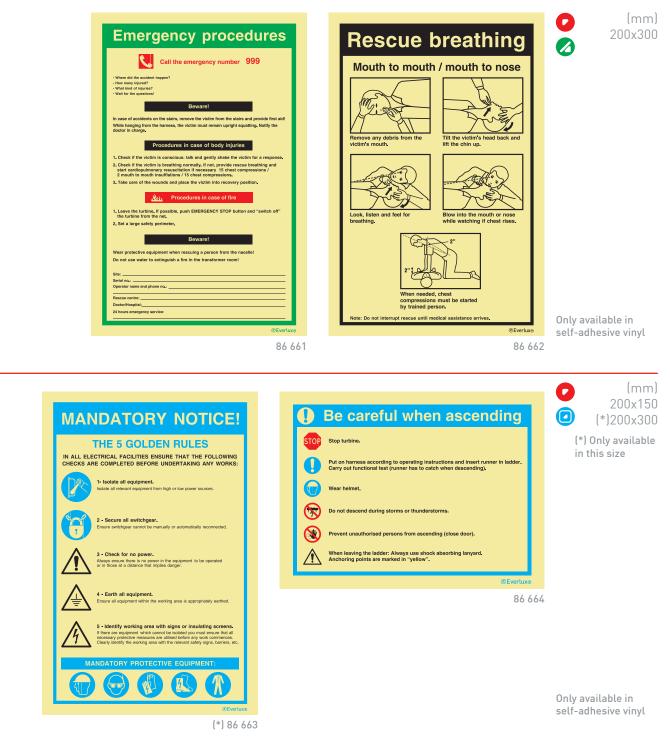


Signs for manually operated devices



Signs for wind turbines $\, \uparrow \,$

Safety procedures



Emergency, fire and prohibition signs



Only available in self-adhesive vinyl

----- Pipe content identification

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

Length 25m

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	Col	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	-	<u> </u>	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.



The 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.



(mm) 🕝	HFC-227 ea	HFC-227 ea	HFC-227 ea	IG 55	IG 55	IG 55			
400x30			84 991			84 992			
· · · · · · · · · · · · · · · · · · ·	HFC-23	HFC-23	HFC-23	CO ₂	CO ₂	CO ₂	IG-541	IG-541	IG-541
Also available in photoluminescent vinyl			84 993			84 994			84 99

Aluminium signs

Aluminium signs

Aluminium base photoluminescent safety signs



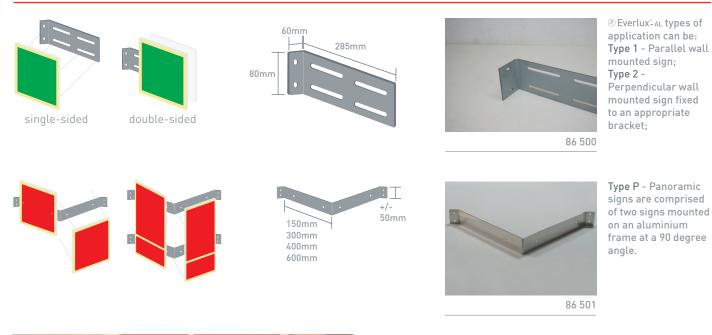
Aluminium signs

85 271

Combination signs identifying hazards and mandatory or prohibitive actions



Aluminium accessories for aluminium Type 2 and for Panoramic signs







Everlux[®] Self-adhesive signs

Self-adhesive Signs

BS ISO 7010 escape route signs

(mm) 300x150 400x200



British Standard escape route signs with text

(mm) 300x100 400x150	Fire exit	80 001Z	Fire exit	80 003Z	Fire exit	80 004Z	
	Fire exit	Ever.		Fire exit 80 007Z	€ 2	Fire exit 80 008Z	Fire exit Keep clear 80 012Z

British Standard composite escape route signs



European Council Directive 92/58/EEC escape route signs



Escape route signs for people with reduced mobility



British Standard with text



Self-adhesive Signs 🗾



Self-adhesive Signs

Door mechanism signs

(mm) 300x100 400x120 600x200	Push bar	to open eentas 80 515Z		
(mm) 40x40(*) 80x80(*) 200x50		Push pad to c	open Maria	
(*) Only available in this size	(*) 80 490Z			

Fire extinguisher, fire hose reel, and fire blanket signs



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

(mm) 75x200						Fier by the second seco
	82 201Z	82 202Z	82 203Z	82 204Z	82 207Z	82 209Z
	Water Water			<image/> <section-header><section-header><section-header><section-header><section-header><section-header><section-header></section-header></section-header></section-header></section-header></section-header></section-header></section-header>	<image/> <section-header><section-header><image/><image/></section-header></section-header>	
	82 210Z	82 214Z	82 215Z	82 216Z	82 217Z	82 218Z

Self-adhesive Signs 🗾

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



84 552Z

84 555Z

84 561Z

84 569Z

Self-adhesive Signs

Photoluminescent fire extinguisher identification labels

(mm) **CARBON DIOXIDE** WATER FOAM SPRAY 128x49 3 3 4 (\mathbb{R}) 85 001Z 85 002Z 85 003Z Fire Blanket **ABC POWDER** WET 4 \bigotimes K) N.F a 85 004Z 85 005Z 85 006Z Not for use Safe for use on **Frost free horn** on electrical electrical fires safe to hold fires 85 008Z 85 007Z 85 009Z

Fire door signs



Safety signage for industrial equipment

(mm) Diam. 30





Self-adhesive photoluminescent signs to identify switches

Provided in sheets with 10 or 20 units.

Diam.30mm

Self-adhesive Signs 📕

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.





Everlux[®]-LLL

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.

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

Installation

Severlux-LLL System for walls - Signs and strips

The strips and sign systems can be applied directly to the wall either by adhesion (**Severlux**[°] adhesive is recommended) or by being installed with a vandal proof aluminium rail screwed to the wall. The installation of the **Severlux**[°]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 **Stverlux**²LLL system is installed on one wall/side only. If there is fire-fighting equipment positioned within the corridor the **Stverlux**²LLL system should be installed on the same wall/side that it is situated. However, in the absence of fire-fighting equipment, the **Stverlux**²LLL system should then be installed on the wall/side where emergency exits (if any) are present. When installed, the horizontal strips of the **Stverlux**²LLL system should be positioned at a height no greater than 300mm. The vertical strips of the **Stverlux**²LLL 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.

${\mathscr S}$ Everlux-LLL System for floors and stairwells - Signs and self-adhesive strips

When applying the [®] Everlux²LLL 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 \otimes Everlux²LLL 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) (a	Period of Light Decay					
	10 minutes	10 minutes 60 minutes					
BS ISO 16069	140 mcd/m ²	20 mcd/m ²	1800 minutes				
🗷 Everlux-LLL	150 mcd/m ²	21 mcd/m ²	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.								
Norma	Luminance Intensity (mcd/m ²) (after removing the exciting light)							
Norms	10 minutes	60 minutes	90 minutes					
BS ISO 16069*	30 mcd/m ²	7 mcd/m²	5 mcd/m²					
C Everlux [®] -LLL	80 mcd/m ²	10 mcd/m ²	5.5 mcd/m ²					

*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 subsequent panic enlights the paramount importance of a quick and efficient evacuation form an affected area. Smoke rises and this inherent fact can seriously hamper an occupant's ability to evacuate a building using high located escape route signage.

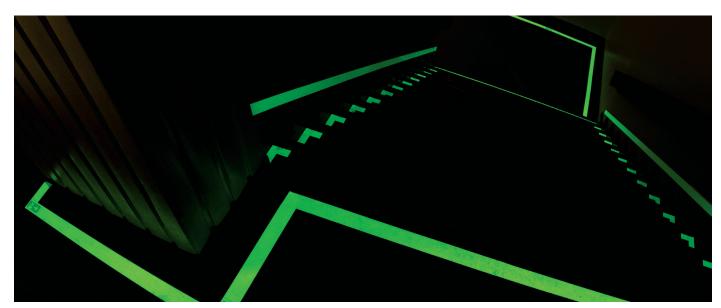
The installation of an **Everlux**-LLL system will allow potentially life-saving equipment and evacuation routes to be readily identified (at a low level below rising smoke) and for them to remain clearly visible at all times. The system is designed to clearly identify fire-fighting equipment and evacuation 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 S Everlux² 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 **Severlux**²LLL 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.





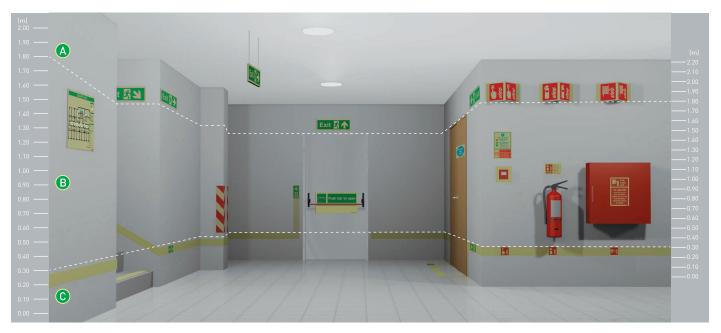
Photoluminescent safety sign system for evacuation routes

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

- 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
- B Photoluminescent signage system positioned at the Intermediate Location Level (1.2m 1.8m):
- Provides instructions and/or complementary information for occupants
- 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

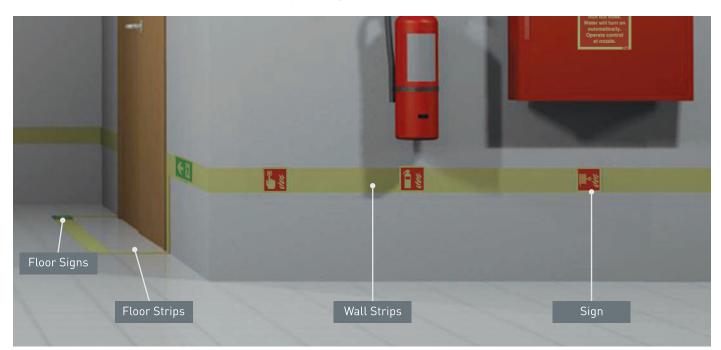


for occupants



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.

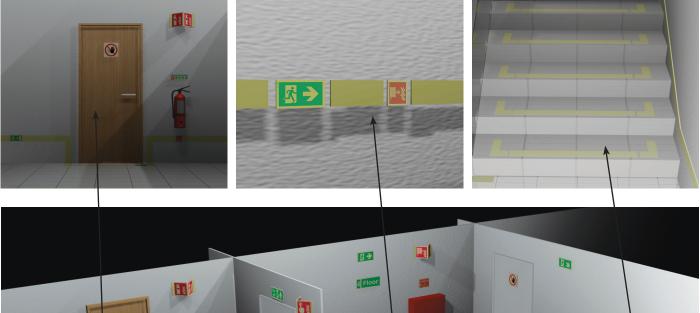


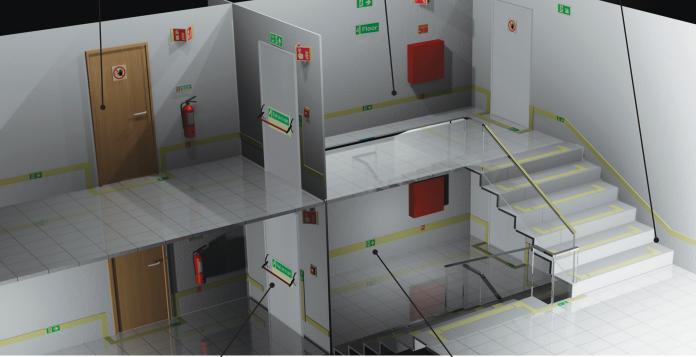


Example of a complete Safety Way Guidance System (SWGS)

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 an/or "L`s".







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.

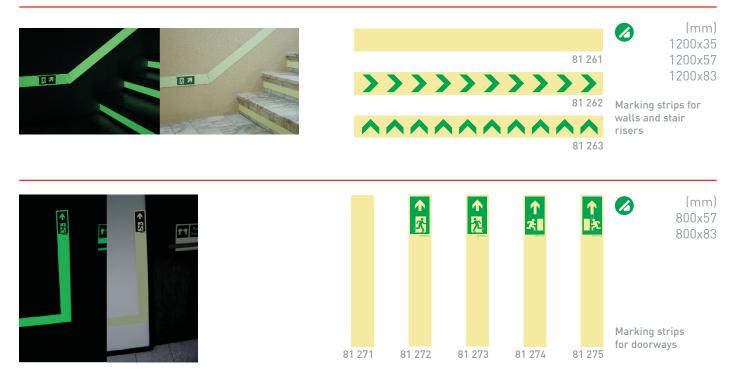


A sign indicating the direction of the evacuation route is positioned in between two strips which, in the example, have been installed with a vandal-proof aluminium rail.

S Everlux-LLL System for walls and vertical application

(mm) 107x57 158x83	81 001 81 002 81 101 81 102 81 101 81 102					
	81 003	81 004				
	81 005	81 006	81 007	81 008		
Escape route signs with symbols according to BS ISO 7010 and BS 5499	81 009	81 010	81 103	81 104	€ 2 81 105	81 106
Escape route signs with symbols according to 92/58/EEC Directive			81 103 2 109	81 1104	81 111	81 100
(mm) 57x57 83x83	81 051 81	052				
	N. 2 7 K 81 151 81	153 81 154	81 155 81 1		第1 158 81 15	-
(mm) 57x57 83x83	81 201 81 2	802 81 203				
	81 204 81 2	205 81 206	81 207			
	81 208 81 2	209 81 210	₩ 81 211	i (j (13)	-	() (3)
(mm) 107x57 158x83	In the event boot use Use the star					

S Everlux-LLL Strips for wall mounted guidance lines



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



S Everlux[®] Tamper-proof aluminium rails





Tamper-proof	
aluminium rail 800mm	88 591
Tamper-proof	
aluminium rail 2000mm	88 592



Tamper-proof aluminium rail cap

88 593

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.

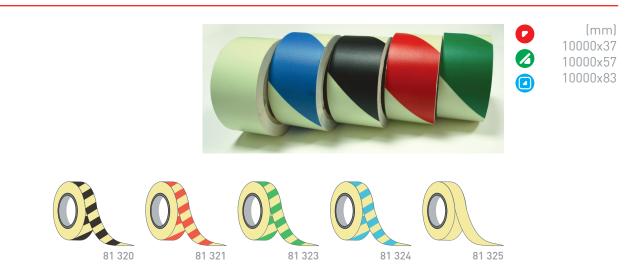




The appropriate signs and strips are slid into position within the framework.



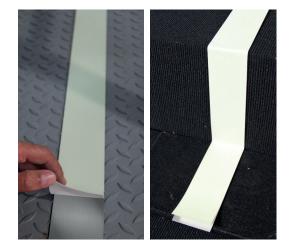
Non-slip Photoluminescent Vinyl Rolls for floor application

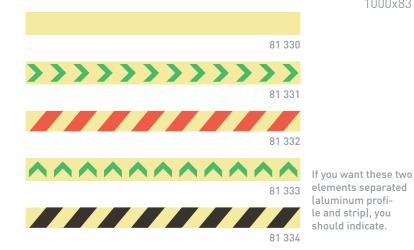


Aluminium backed LLL strip system for floor application

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.

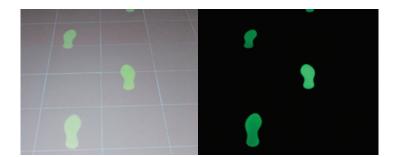
(mm) 1000x37 1000x57 1000x83

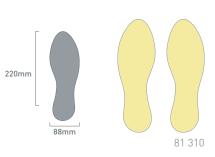




S Everlux[®]-LLL Footprint silhouettes

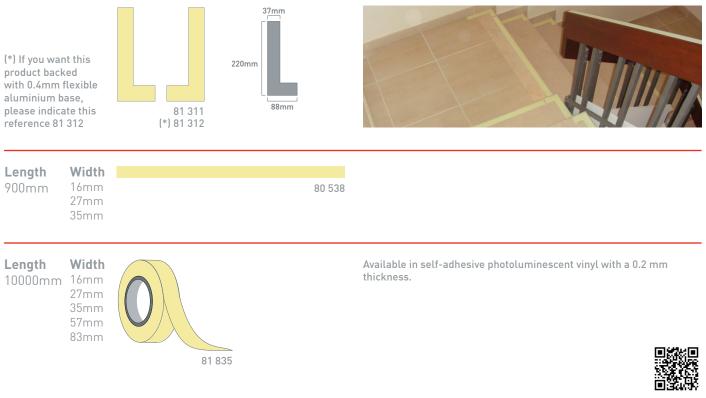
Photoluminescent footprint silhouettes are ideal for indicating the direction and outline of evacuation routes. Available in left and right silhouettes to be used alternately, **Sterlux**-LLL Footprint Silhouettes are made from self-adhesive, anti-slip polycarbonate which is only 0.03mm thick.





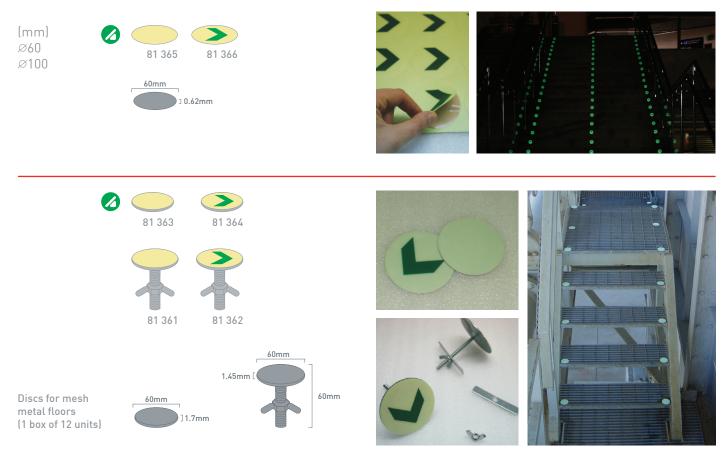
Non-slip self-adhesive "L" for stairs

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.



S Everlux⁻LLL Discs

③ Everlux²LLL Discs are made from self-adhesive, anti-slip polycarbonate which is only 0.062mm thick. Non-slip self-adhesive discs for floors (\emptyset 60 - 1 sheet of 18 units; \emptyset 100 - sold by the unit).



Severlux[®] Protection for steps

Aluminium step profile, has been specifically designed to offer protection for step edges and to ensure users can safely navigate the hazard in an emergency situation and/or in the event of power failure. The step profiles are supplied with antislip photoluminescent polycarbonate surfaces along the step and riser elements with the aluminium profile edges consisting of fine blades along their full length which 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 in an ascending evacuation.

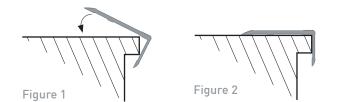
Characteristics:

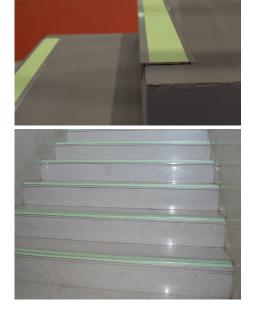
Base material: Aluminium

Photoluminescent element: [®] Everlux^eLLL 0.3mm polycarbonate Dimensions: See accompanying technical drawing

The LLL aluminium step protection strips are supplied ready 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.

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).



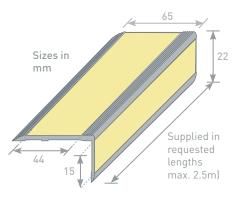




Protection for Steps

88 571

88 572



S Everlux⁻LLL Aluminium floor strips

Aluminium floor profile has been specifically designed to be laid on uneven floor surfaces so that escape route boundaries can be clearly identified in an emergency situation and/or in the event of power failure. The low profile strips are supplied with an anti-slip photoluminescent polycarbonate top surface with the aluminium profile edges consisting of fine blades along their full length. The blades enhance the floor strip's anti-slip properties even in the event of oil or lubricant spillage.

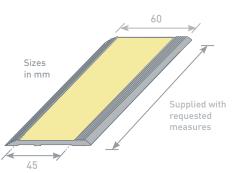
Characteristics:

Base Material: Aluminium

The LLL aluminium floor strips are supplied ready cut to your specific requirements 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 floor strips





Large Polycarbonate self-adhesive signs for floors

Terriux-LLL Large self-adhesive signs for floors are made from self-adhesive, anti-slip polycarbonate which is only 0.03mm thick.

(mm) 400x200 600x300



(mm) 200x200 400x400 600x600

81 402 81 401 81 403 81 404 81 405 81 406

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

81 408

81 409

81 411

81 410





Large self-adhesive signs for floors

& Everlux-LLL Large self-adhesive signs for floors are made from self-adhesive, anti-slip polycarbonate which is only 0.03mm thick.



Vertical escape routes

Signalling 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.

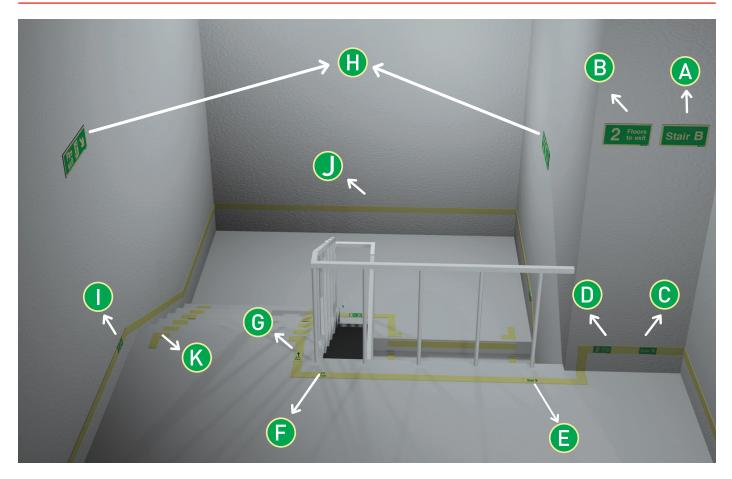
These LLL systems have been specifically designed to provide consistent information along the escape route and to ensure occupants act in a correct and safe manner thereby reducing confusion, panic and loss of life in an emergency evacuation.

Severlux[®] and Severlux[®]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 stairwell signs - ③ Everlux[®] - To be installed at the High Location level (above 1.8m) - refer to Pg. 94 for details



- B Rigid plastic signs indicating the remaining number of floors to Final Exit ③ Everlux[®] To be installed at the High location level (above 1.8m) refer to Pg. 94 for details
- C Rigid plastic stairwell signs ③ Everlux⁺LLL To be installed at a minimum height of 400mm above floor level positioned in between the LLL marking strips refer to Pg. 94 for details

D Rigid plastic signs indicating the remaining number of floors to the Final Exit - ③ Everlux⁺LLL - To be installed at a maximum height of 400mm above floor level and in conjunction with LLL marking strips - refer to Pg. 94 for details

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

Polycarbonate self-adhesive non-slip signs to indicate the floor number - ③ Everlux*LLL - To be applied directly to the floor and positioned in between the LLL marking strips - refer to Pg. 95 for details

6 Polycarbonate self-adhesive non-slip signs indicating the remaining number of floors to the Final Exit - **8 Everlux**⁺LLL - To be applied directly to the floor and positioned in between the LLL marking strips - refer to Pg. 95 for details

H Rigid plastic escape route signs - ③ Everlux* - To be mounted at the High Location Level (above 1.8m) - refer to Pgs. 16 to 18 for details

Rigid plastic escape route signs - ③ Everlux-LLL - To be installed at a maximum height of 400mm above floor level and in conjunction with LLL marking strips - refer to Pg. 94 for details

K Polycarbonate self-adhesive non-slip "L" for stairs - ③ Everlux-LLL - to be applied directly to the stair surface - refer to Pg. 88 for details



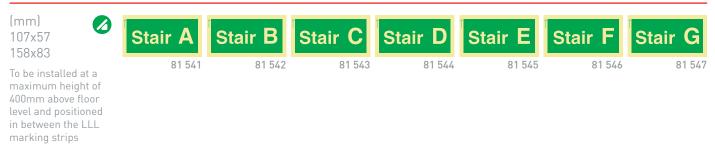
A - ③ Everlux[®] Rigid PVC stairwell signs



B - ③Everlux® Rigid PVC stairwell signs

(mm) 200x100 300x150	19 Floors to exit	18 Floors to exit	17 Floors to exit	16 Floors to exit	15 Floors to exit	14 Floors to exit	
500×150	81 511	81 512	81 513	81 514	81 515	81 516	
	13 Floors to exit	12 Floors to exit	Floors to exit	10 Floors to exit	9 Floors to exit	8 Floors to exit	7 Floors to exit
	81 517	81 518	81 519	81 520	81 521	81 522	81 523
To be installed at a High Location level	6 Floors to exit	5 Floors to exit	4 Floors to exit	3 Floors to exit	2 Floors to exit	Floor to exit	Exit floor
(above 1.8m)	81 524	81 525	81 526	81 527	81 528	81 529	81 530

C - 🗷 Everlux-LLL Rigid PVC stairwell signs



• S Everlux-LLL Rigid PVC floor indication signs



Vertical escape routes

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



🕞 - 🗷 Everlux-LLL - Polycarbonate self-adhesive and non-slip floor indication signs

					Basement -4	Basement -3	Basement -2 81 603	(mm) 107x57 158x83
Şene	Basement -1	Ground Floor	1 st Floor	2 nd Floor	3 rd Floor	⁴ th Floor	5 th Floor	
	81 604	81 605	81 606	81 607	81 608	81 609	81 610	
Burn	6 th Floor	7 th Floor	8 th Floor	⁸ 9 th Floor	10 th Floor	¹ 11 th Floor	12 th Floor	
	81 611	81 612	81 613	81 614	81 615	81 616	81 617	To be applied
()	13 th Floor	14 th Floor	¹ 15 th Floor	¹⁶ th Floor	17 th Floor	18 th Floor	19 th Floor	directly to the floor and positioned in between the LLL marking strips
	81 618	81 619	81 620	81 621	81 622	81 623	81 624	marking sulps

G - 🛞 Everlux[®]-LLL - Polycarbonate self-adhesive floor remaining signs

												(mr 57x1
					Basement	Basement -3	Basement -2	Basement -1	Ground floor	1 st Floor	2 nd Floor	83x1
		۵.	0.000	0	81 641	81 642	81 643	81 644	81 645	81 646	81 647	
T	T	T	T	T		T	T		T	T	T	
3 rd Floor	4 th Floor	5 th Floor	6 th Floor	7 th Floor	8 th Floor	9 th Floor	10 th Floor	11 th Floor	12 th Floor	13 th Floor	14 th Floor	
81 648	81 649	81 650	81 651	81 652	81 653	81 654	81 655	81 656	81 657	81 658	81 659	
15 th Floor	16 th Floor	17 th Floor	18 th Floor	19 th Floor	19 Floors to exit	18 Floors to exit	17 Floors to exit	16 Floors to exit	15 Floors to exit	14 Floors to exit	13 Floors to exit	
81 660	81 661	81 662	81 663	81 664	81 665	81 666	81 667	81 668	81 669	81 670	81 671	
												To be applied directly to the floor
12 Floors to exit	11 Floors to exit	10 Floors to exit	9 Floors to exit	8 Floors to exit	7 Floors to exit	6 Floors to exit	5 Floors to exit	4 Floors to exit	3 Floors to exit	2 Floors to exit	1 Floor to exit	and positioned in between the LLL marking strips
81 672	81 673	81 674	81 675	81 676	81 677	81 678	81 679	81 680	81 681	81 682	81 683	



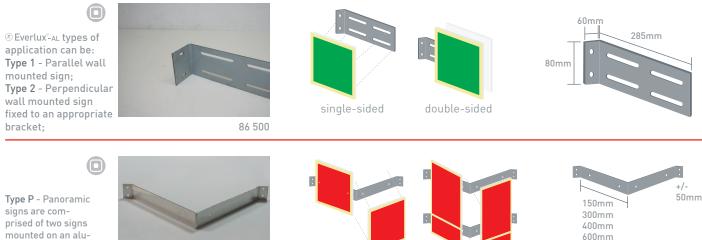
Everlux[®]-AL

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



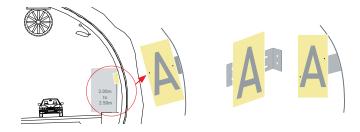
mounted on an aluminium frame at a 90 degree angle



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. I Everlux fixing accessories for tunnels are supplied with pre-drilled holes to ensure the signs can be positioned at the correct angle.



Technical characteristics

Terrestate Strengther and Strengther Strengt 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.								
	Luminance Intensity (mcd/m²) (a	Period of Light Decay						
Norms	10 minutes	Luminance Intensity greater than a 0.3 mcd/m ²						
BS ISO 16 069	140 mcd/m ²	20 mcd/m ²	1800 minutes					
🗷 Everlux°-AL	150 mcd/m ²	21 mcd/m ²	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) Period of Light Decay							
	10 minutes	10 minutes 60 minutes						
BS ISO 16 069	30 mcd/m ²	7 mcd/m²	5 mcd/m²					
C Everlux-AL	80 mcd/m ² 10 mcd/m ² 5.5 mcd/m ²							

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

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.

③ Everlux^{*}-AL photoluminescent safety signs for tunnels provide an effective means of reducing risks by communicating clear, unambiguous instructions and by providing guidance.

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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:



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



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.



Signs for Fire-Fighting equipment

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.

B Emergency exit doors should be numbered

• 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

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.





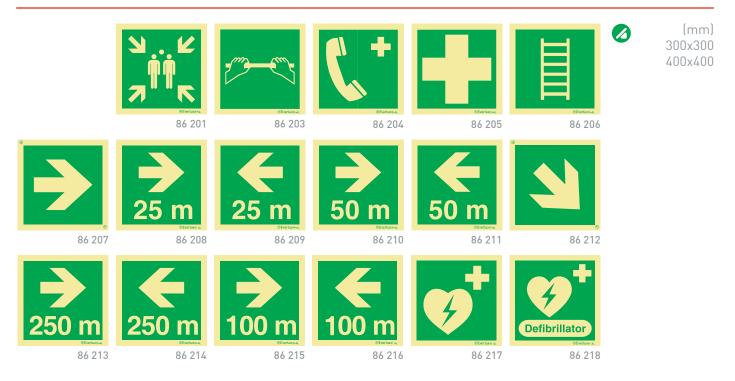
Fire Extinguishers and Fire Hose Reels must be installed every 150 Meters.

E

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

(mm) 🛛 🖉 300x300	Ť	Ľ	九	x		
	86 001	86 002	86 101	86 102		
mm) 🛛 🖉	↓	2	₹↓			
n twin-tube tunnels he signs must be nstalled indicating he way to the	? ;↑	36 011	86 0		86 111	
adjoining tube. In single tube tunnels, signs must be nstalled indicating he emergency evacuation escape route.		ини 36 112	R A R R R R R R R R R R	13	Revenue 86 114	
mm) 800x300 **) Prices by Juotation	25	B B B B B B B B B B	>	47	75 m 86 039	
	7 → 25 m	86 041	>		n	
) EEC-R XXX	>		() EEC-L XXX	
Within a tunnel environment, signs hat indicate the distance to the two	25 m	86 121	>	475	m 200	
nearest exits in both directions (left and right) are required. These signs should be installed at 25m intervals and at a height between	25	m	>	47	75 m 86 159	
1.1m - 1.5m above the evacuation route floor. Signs for distances other than 25m multiples.		m (**) BS-R XXX	>	<	" <mark>え</mark>	

Safe condition



Escape door mechanism signs



Fire-fighting equipment and emergency vehicles signs

			-		
(mm) 300x300 400x400	Century 86 271	€terterer 86 273	Jertene 86 275	Returns 86 276	86 277
	25 m	25 m	5 0 m	5 0 m	
	86 278	86 279	86 280	86 281	86 282
	100 m eterritar 86 283	100 m Reference 86 284	250 m Reference 86 285	250 m Jertina 86 286	86 331
(mm) 300x300 400x400 Signs according to 2004/54/EC Directive	1 1 1 1 1 1 1 1 1 1	SOS Be 336			
(mm) 300x400	Emergency vehicles lane 86 341	Fire door Return			
(mm) 300x200(*) 300x300 (*) Only available in this size	86 311	SOS <i>OEurluseu</i> (*) 86 321			
(mm) 150x300	0 0 1 1 1 1 1 1 1 1		Z 56/01/1-1 83 35Z		

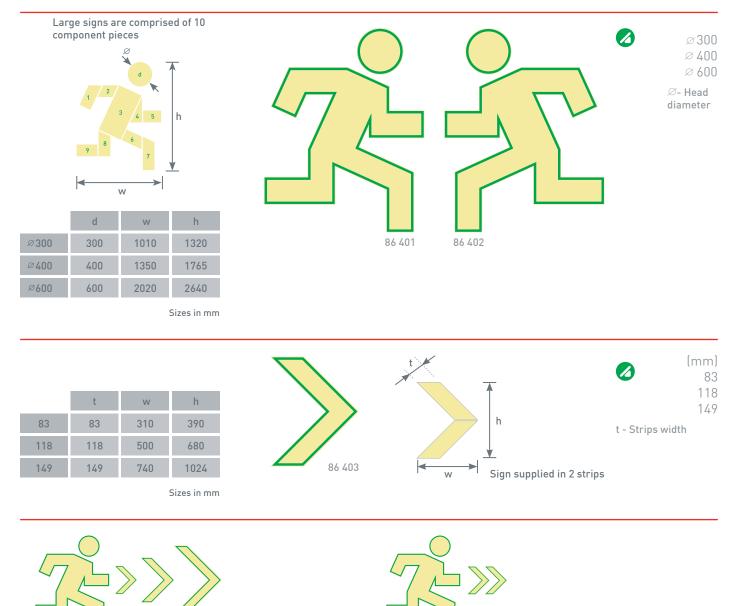


Large signs for emergency exits in tunnels



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 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.



Everlux[®]-RL

Reflecto-luminescent signs

Retro-reflective properties

The retro-reflective backing used in ③ 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 $lu.m^2 \left(\frac{cd}{lux.m^2} \right)$			
EN 12899-1: 2001	50			
𝔅 Everlux°-RL	60			

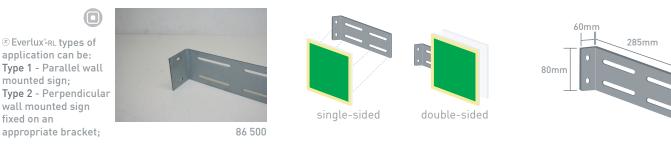
Photoluminescent properties

The ③ **Everlux**[®]-RL products demonstrate the following photoluminescent properties:

	Luminance	Period of light decay		
Norms	10 minutes	60 minutes	Luminance intensity greater than a 0.3 mcd/m²	
⊗ Everlux [®] -rL	57 mcd/m ^{2 (1)}	7 mcd/m ^{2 [1]}	845 minutes ⁽¹⁾	
	28 mcd/m ^{2 (2)}	3,6 mcd/m ²⁽²⁾	460 minutes ⁽²⁾	
	20 mcd/m ^{2 [3]}	2,9 mcd/m ^{2 [3]}	380 minutes ⁽³⁾	

Values obtained in tests by stimulation with a Xenon bulb, with 1000 lux for 5 minutes, according to DIN 67510-1:2009.
 Values obtained in tests by stimulation with a OSRAM L18W/765 daylight effect bulb (6500 K) – with 25 lux foR 15 minutes.
 Values obtained in tests by stimulation with a OSRAM L18W/840 white light bulb (4000 K) – with 25 lux for 15 minutes.

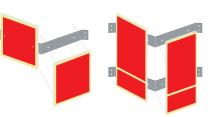
Aluminium accessories for Type 2 and for Panoramic signs



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



86 501



150mm 300mm 400mm 600mm

Reflecto-luminescent signs 🐇

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.

Terror reflection and photoluminescence which allows the sign to perform a dual function:

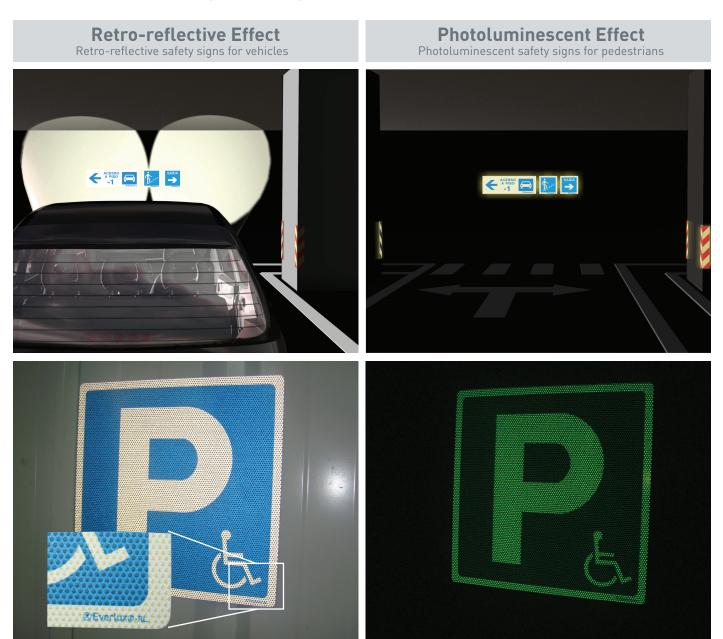
- When the sign is met with external direct light in the form of vehicle headlights or torchlight it reacts in a retro-reflective manner much as traffic signs do. The light is reflected back in the same direction as its source which allows total visibility of the sign and its inherent message;

- 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.

Text 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.

Terms 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.





W Reflecto-luminescent signs

Emergency Escape Route Signs In Accordance with EN BS ISO 7010



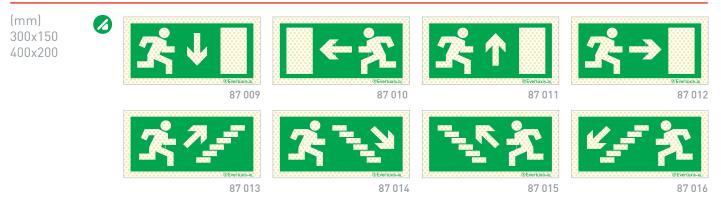
87 006

87 008

87 007

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

87 005



(mm) 300x400 400x600



Emergency Escape Route and Safe Condition Signs

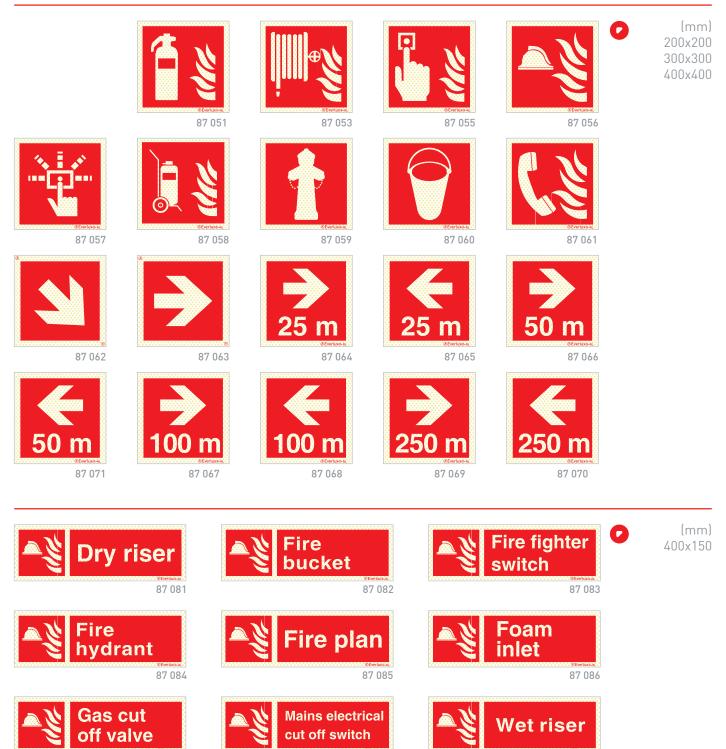
87 021

(mm) 200x200 300x300 400x400	Fire exit	N K 87 032	87 033	87 034			
	distance of the second s				\geq		≥ 25 m
	87 036	87 037	87 038	87 039	87 040	87 041	87 042

Reflecto-luminescent signs 🐇

Fire-fighting Equipment Signs

87 087



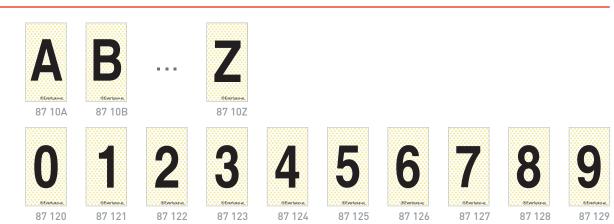
87 088

87 089

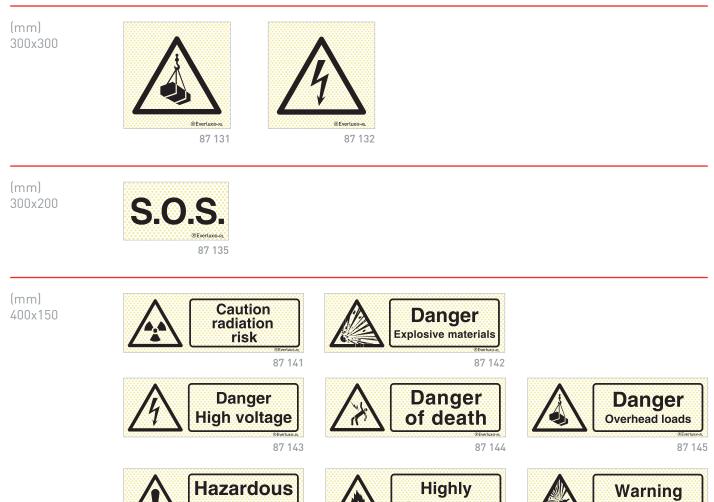
🖖 Reflecto-luminescent signs

Alphabetic and numeric character signs





Warning signs



flammable

87 147

87 146

area

87 148

Compressed gases

Reflecto-luminescent signs 🐇

Prohibition signs

	87 15	1 87 152	87	153	(m 200x2 300x3 400x4 87 154	300
				Do no use lac	ot 400x ⁻	nm) 150
	affold 87 157	No acces pedestria	s for ans 87 158	No en	87 159	
No fia	naked mes 87 160	No unautho access		This is no smol area	king 👔	
Fire door and	l mandatory s	igns				
	Fire exit keep clear 87 10	ek Zevenade.	Security notice This door alarmed	is	(m 300x3	nm) 300
Public conver	nience signs					
WC BENGLOCK	87 17		87	num ((m 200x2 300x3 400x4 87 175	300
Priority parki	ng signs					
			E		(m 600x2 900x2 900x2 87 181	

Reflecto-luminescent signs

Parking signs - with and without directional indicators

(mm) 300x300 400x400 600x600	The second se	87 192			
	P P P P P P P P P P	P P P P P P P P P P	P → Perture 87 195	PCCCCCCCCCCCCC	P E E E E E E E E E E
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Marking strips







Reflecto-luminescent signs 🐇

(mm)

200x200

400x400

600x600

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Car park signs





87 245















87 232



87 237



87 242







87 252





87 238



87 243



87 248



87 253



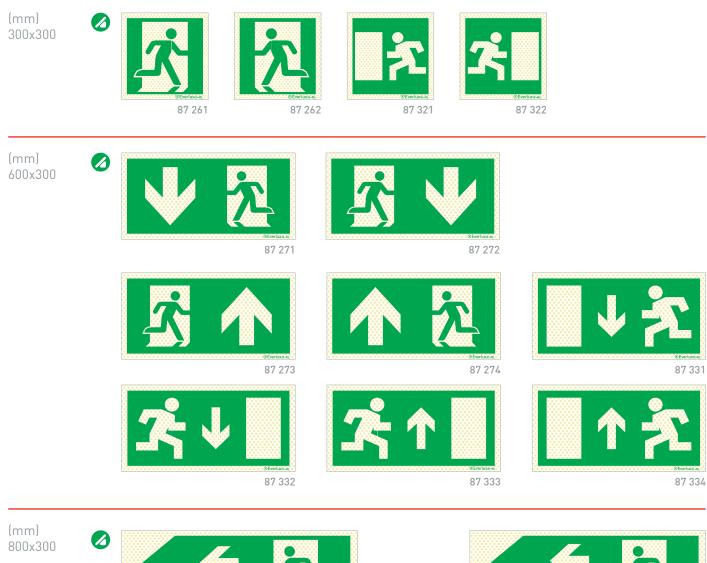
87 254

87 244

✓ Reflecto-luminescent signs

Emergency Escape Route signs for Tunnels

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



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.





 475 m
 Secure

 87 27 0

 Secure

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- >

Reflecto-luminescent signs 🐇

Emergency vehicle signs





Kits and accessories

+ Kits and accessories

S 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.



88 531

Severlux[®] Fire extinguisher frame kit (for 2 units)

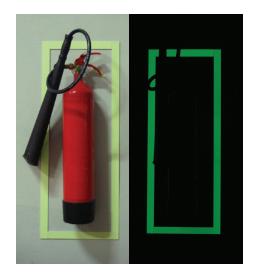
\otimes Everlux° Fire extinguisher frame kit (not including 5kg CO₂)

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.



Tere extinguisher
 frame kit (for 2 units)
 88 532

Severlux° Fire extinguisher frame kit (suitable for 5kg CO₂)

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.

S Everlux[®] Handrail tape





Kits and accessories +

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



Kit comprised one four-sided sign, 2.70m high pole, 40mm diameter, galvanized base for pole and top cap. 88 702



Kit comprised one four-sided sign, 2.70m high pole, 40mm diameter, galvanized base for pole and top cap. 88 712 (mm) 400x400 600x600

(mm)

400x400 600x600



Kit comprised one four-sided sign,

2.70m high pole, 40mm diameter,

galvanized base for pole and top cap.

88 721

88 722



Kit comprised one four-sided sign, 2.70m high pole, 40mm diameter, galvanized base for pole and top cap. 88 732



Kit comprised one four-sided sign, 2.70m high pole, 40mm diameter, galvanized base for pole and top cap. 88 742



+ Kits and accessories

S 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).



Severlux[®] Slim-line aluminium frames





Terms are supplied pre-fitted to the sign and are ready to install.

③ Everlux[°] Slim-line aluminium frames can be fixed to the wall using self-adhesive pads or tape, ③ Everlux[°] Adhesive or other proven methods. It is advised that the receiving surface is clean, dust and grease free.

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.



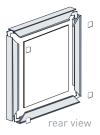
Teverlux° Self-assemble aluminium frames can be fixed to the wall using the self-adhesive pads which are supplied with the frame kit or by using [®] Everlux° Adhesive which is supplied separately.

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.



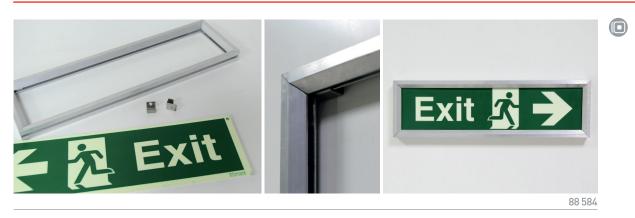
Kits and accessories +

S Everlux[®] FLEXI Aluminium Frame Kits

The sign is inserted into a groove located in the upper section of the frame.

The ③ Everlux° FLEXI frames are supplied assembled with all required mounting accessories and are available as follows:

Type 1 – Wall Mounted Sign



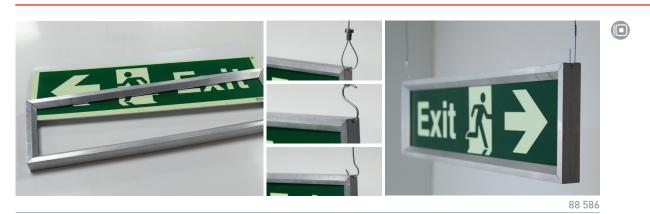
The Type 1 Everlux FLEXI frame kit is comprised of the following: - 1 x Aluminium FLEXI Frame - 2 x Type 1 fittings

Type 2 – Perpendicular Wall Mounted Sign



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

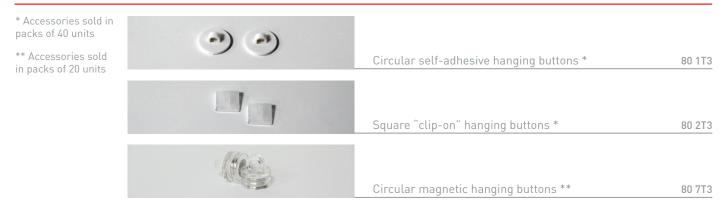


The Type 3 Everlux FLEXI frame kit is comprised with: -1 x Aluminium FLEXI Frame Additionally indicate the fixing and suspension kit from pages 122 and 123 for type 3 fitting.

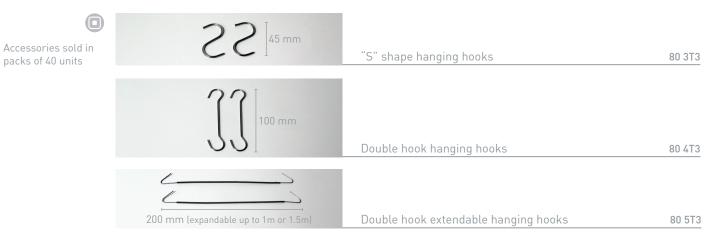
+ Kits and accessories

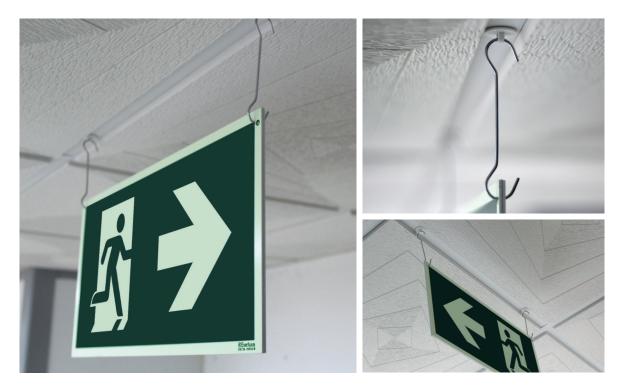
Type 3 signs fixing system - ceiling suspended

Accessories for ceiling fixing



Suspension accessories





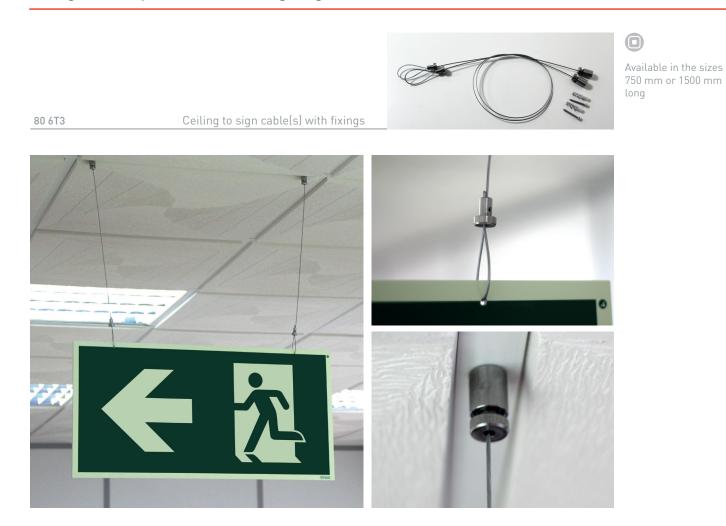
Kits and accessories +

Suspension accessories



Expandable up to 1 m or 1.5 m

Fixing and suspension kit for large signs



+ Kits and accessories

S Everlux[®] Magnetic signs



Magnetic sign

88 600

88 601

Severlux 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.

Severlux 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

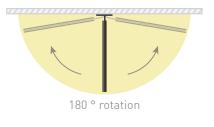
How to order:

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

S Everlux[®] Flexible Type 2 bracket







Flexible Type 2 bracket

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 ③ **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 Severlux[®] 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.

Kits and accessories +

S Everlux[®] Adhesive



S 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 °C
- 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 ③ Everlux° Adhesive is supplied with a cap for the nozzle to prevent it drying out after use.

When applied correctly, ③ **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 dwyieithog Welsh - English bilingual signs 🚿

Arwyddion Dihangfa Argyfwng Emergency escape Route signs (mm)Allan 300x100 **Exit** 400x150 33 001 (*)600x200 (*) Also available Allan Allan Allan Allanfa dân in this size Exit Exit Exit Fire exit 33 002 33 003 33 004 33 005 Allanfa dân Ż Allanfa dân Allanfa dân Allanfa dân Fire exit Fire exit Fire exit Fire exit 33 006 33 007 33 009 33 008 Allanfa dân Allanfa dân Allanfa dân Allanfa dân 7 Fire exit Fire exit Fire exit **Fire exit** 33 010 33 011 33 012 33 0 1 3 Man ymgynnull See Kan ymgynnull See Kan ymgynnull See Kan ymgynnull See Kan ym ymgynnull See Kan ymgynnull See Man ymgynnull ン・・ビ Assembly point ヵ 「「」 ピ Man ymgynnull Allanfa dân Fire exit -33 014 (*) 33 015 (*)33 016 (*) 33 017 (mm)Allan Allan 300x150 Exit Exit 400x200 33 101 33 102 (mm) Gwthiwch y bar i agor Push bar to open 1 200x70 Push pad to open 300x100 33 122 (*)400x150 (*) 33 121 (*) Only available in this size (mm) 150x200 (*)200x300 300x400 (*) Also available Cadair gadae Man lloches mewn argyfwng in this size Man ymgynnull Emergency Assembly point Refuge point evacuation chair (*) 33 151 33 152 33 153 33 154 Arwyddion offer diffodd tân Fire-fighting equipment signs (mm) 100x100 Fire alarm call point 33 401 33 402



Arwyddion dwyieithog Welsh - English bilingual signs

Arwyddion offer diffodd tân Fire-fighting equipment signs

(mm) 150x200 200x300



Arwyddion offer diffodd tân Fire-fighting equipment signs

(mm) 200x100

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Arwyddion gweithredu mewn achos o dân Fire Action Notices



Arwyddion gwahardd Prohibition signs



(*) 33 603

No smoking

Arwyddion dwyieithog Welsh - English bilingual signs 🗷



S Polsko - Angielskie znaki dwujezyczne Polish - English bilingual signs

Oznakowanie sprzętu do walki z pożarem *Fire-fighting equipment signs*





everluxproject@everlux.eu

www.excellencebyeverlux.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.

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.



www.everluxmaritime.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

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.





In accordance with legislation, standards and consumer protection to ensure quality and conformity, our trademarks are printed on all **Everlux**^{*}, **Everlux**^{*}LLL, **Everlux**^{*}AL and **Everlux**^{*}RL signs.

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