



Everlux[®]

Photoluminescent maritime safety signs



	How to Order and  Everlux® Onboard	04
	Market Assurance and Certification	05
	Mounting Options	07
	Viewing Distances	08
	Means of Escape Signs (MES)	11
	Emergency Equipment Signs (EES)	17
	Life-Saving Appliance Signs (LSS)	18
	Fire Fighting Equipment Signs (FES)	21
	Fire Control Plan Signs for Shipboard Use (SIS)	31
	Damage Control Plan Signs	39
	 Everlux® Low Location Lighting System	40
	Panoramic Signs	49
	Marking Strips	50
	Prohibition Signs (PSS)	51
	Hazard Warning Signs (WSS)	56
	Mandatory Action Signs (MSS)	60
	Multipurpose Combination Signs	65
	Information Signs	68
	ISPS Code Signs	69
	Infection Prevention and Control Safety Signs	71
	Safety Signs for Super Yachts	77
	Offshore Wind - Safety Signs	80
	Water Safety Signs	85
	Temporary Tie Tags	88
	SOLAS Retroreflective Tape - TYPE II	89
	Pipe Content Identification	90
	Signs According to the IMDG Code	94
	Safety Awareness and Training Procedures	96
	General Safety Awareness Notices	120
	Safety Plans	121
	Fire Control and Safety Plans	122
	Bespoke Signage Solutions	124
	 Everlux® Frames	126
	 Everlux® Adhesive	126
	IMPA and ISSA Cross Reference Guide	127
	Standards and Regulations	134

INTRODUCTION

How to Order

All **Everlux®** and **Everlux®-LLL** signs have a unique 5 digit code.

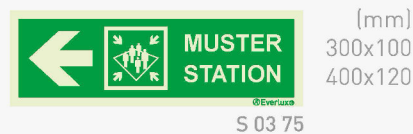
To order you need to indicate the following:

1. The product code;
2. The size (mm);
3. The type of sign (see page 5). If not indicated we will supply Type 1;
4. The material of the sign.

Most of the **Everlux®** signs are available in photoluminescent rigid plastic (**F**) and photoluminescent self-adhesive vinyl (**Z**). There are several product ranges with different base materials. The complete list of sign base materials is:
F - photoluminescent rigid plastic; **Z** - self-adhesive vinyl; **O** - white rigid plastic; **V** - white self-adhesive vinyl;
VT - transparent - self-adhesive vinyl; **PC** - non-slip self-adhesive photoluminescent polycarbonate;
T - aluminium composite; **TA** - transparent acrylic; **FA** - frosted acrylic; and **SS** - stainless steel.

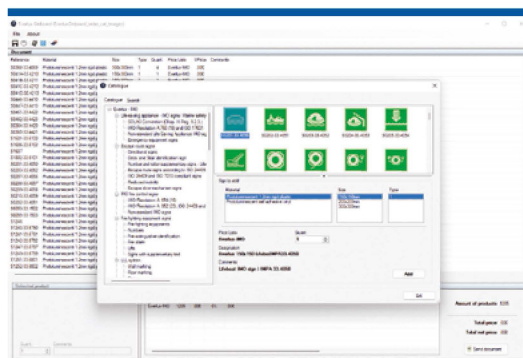
(*) The sign on this example is available in the following sizes 300x100 and 400x120; in Type 1, 2 or 3; and in photoluminescent rigid plastic and self-adhesive photoluminescent vinyl.
To order the above sign in 400x120, Type 1 and in photoluminescent rigid plastic you order: S 03 75 – 400x120 – Type 1 – F.
It is also possible to order by IMPA or ISSA codes. Please refer to the cross reference guide on pages 97 – 102 to find the equivalent **Everlux®** item code.

(*)Example:



Everlux® Onboard

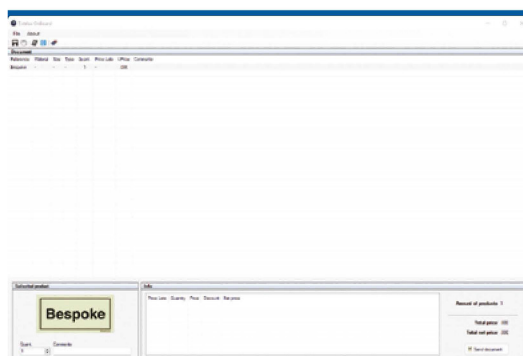
The **Everlux®** Onboard software tool was developed aiming to simplify the quote and ordering process.



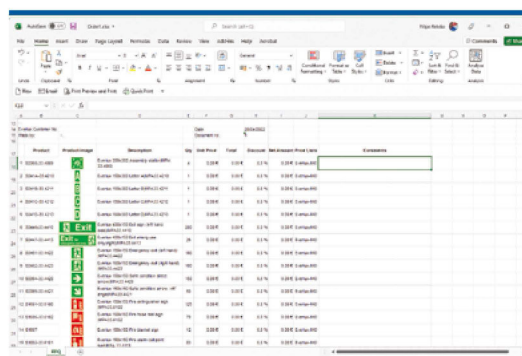
It allows the user to browse the complete Everlux Maritime catalogue and to build the list of desired signs by selecting item codes, base materials, sizes and types.



The tool contains a search option that makes it very easy to find a specific sign by using the Everlux or the IMPA item codes.



It is also possible to include custom made signs by selecting the "Bespoke" icon and including a detailed description of the features required such as material, size, colour(s), graphical content, supplementary text, and quantity.



Once all of the required safety signage is selected, the user can automatically generate an editable Excel file containing the list of signs and all associated information, including images, that can be used in your quoting and ordering processes.

The **Everlux®** Onboard software tool is available for free.
Please e-mail us at commercial@everluxmaritime.com and request your download link.

Technical Properties of Photoluminescent Safety Signs

Quality, Standards & Certification:

- ④ **Everlux®** photoluminescent products are manufactured to the highest technical standards using state of the art equipment; thus ensuring we offer the best available photoluminescent quality for safety signs.
- ④ **Everlux®** photoluminescent safety signs comply with IMO Resolutions, Solas Convention and ISO Standards.
- ④ **Everlux®** products have Type Approval by Lloyd's Register and are MED certified by DNV.

Technical Properties:

LUMINANCE PROPERTIES			
Applicable Standards and Resolutions/ product	Luminescent intensity (mcd/m ²) (After removing the exciting light)		Period of light decay
	10 minutes	60 minutes	Luminescent intensity greater than a 0.3 mcd/ m ²
IMO Res. A.752[18]	15 mcd/m ²	2 mcd/m ²	...
ISO 15370	15 mcd/m ²	2 mcd/m ²	...
④ Everlux® (a)	140 mcd/m ²	20 mcd/m ²	1800 minutes
④ Everlux® (b)	57 mcd/m ²	10.7 mcd/m ²	3000 minutes

a) According to DIN 67510 measurement protocol;

b) According to ISO 15370 measurement protocol.

Photoluminescent signs: Photoluminescent rigid plastic 1.2 thickness and self-adhesive photoluminescent vinyl.

Printing: Serigraphy, high quality gloss paint with UV resistance and an indoor durability in excess of 5 years.

Fire resistance: Flame retardant according to IEC 60092-101: 2018 and IMO FTPC Part 5 (IMO Res. MSC.307[88]).

Surface: Antistatic and easy to clean.

Chemical characteristics: Non-radioactive, non-phosphorous, lead-free and non-poisonous.

Safety Signage is a Language Comprised of Pictorial Graphics, Shapes and Colors

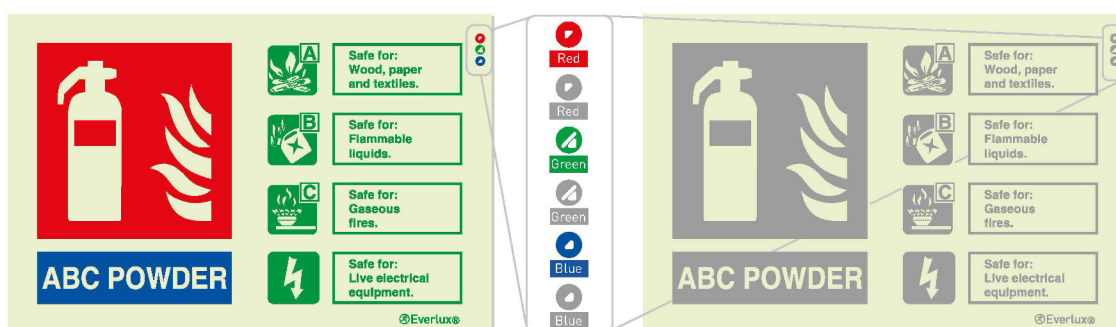


Color should be for everyone!

... and because colors are determinant in safety signs, ④ **Everlux®** has associated with ColorAdd - the color identification system for colorblind people.

ColorAdd is a project which was developed with the goal of allowing colorblind people to correctly identify each color and therefore to contribute for their social integration whilst making communication more effective, responsible and inclusive. ColorAdd is an extremely intuitive symbolic language that uses the primary colors and their combination to create the entire colors/codes palette.

By including the ColorAdd system, the ④ **Everlux®** catalogue allows colorblind people to fully comprehend all the components of safety signs.



COLORS | SYMBOLS



LIGHT TONES



WHITE | BLACK | GREY



GOLD | SILVER



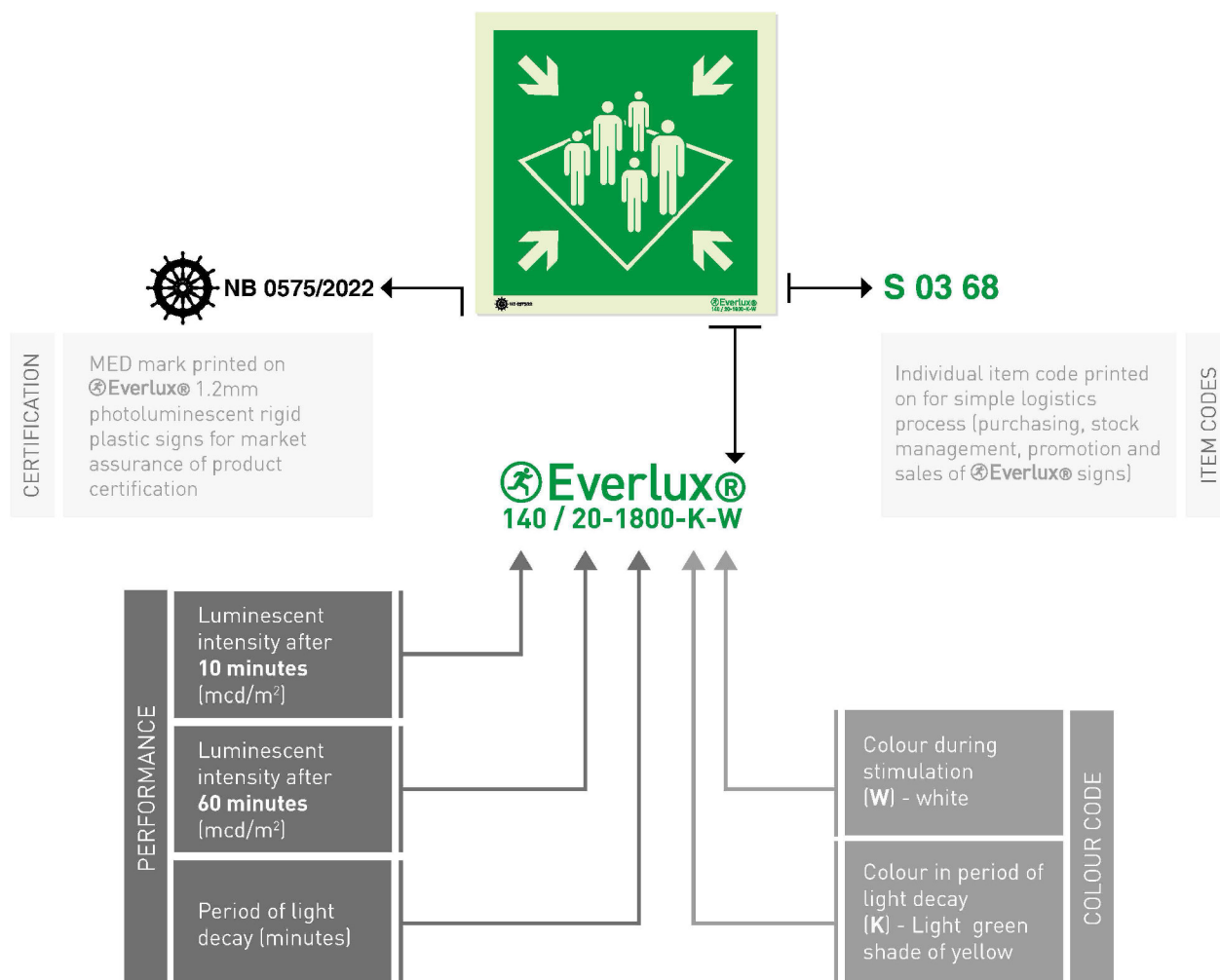
DARK TONES



Sign Performance and Technical Properties

Technical guarantees for the market

The photoluminescent properties and performance values are printed on all  Everlux® signs as per ISO and DIN Standards requirements. This provides consumers with the correct information and a guarantee of high quality. Please see the following example:



This brings the signs into alignment with other safety equipment where technical information is provided on the apparatus, e.g. extinguishers.

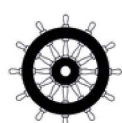
On all  Everlux® photoluminescent safety signs the technical properties are printed and illustrate their performance as per ISO and DIN Standards requirements. This helps specifiers and consumers to make informed decisions about the signs to be used.

The quality of  Everlux® safety signs is ensured by maintaining a continuous quality control system.

All  Everlux® photoluminescent products have the Lloyd's Register Type Approval Certificate



and are certified by DNV according to MED.



Notified Body n° 0575

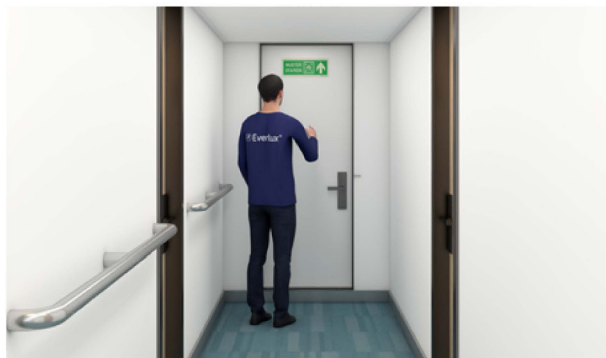
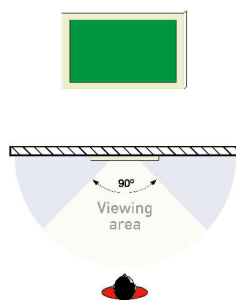
The method of measuring the luminance performance according to ISO and DIN Standards is carried out in the laboratory, where all measuring equipment is calibrated by an accredited and independent official entity.

Different Types of Application - Various Sign Installation Alternatives

For an adequate use of signs they must be mounted according to the appropriate viewing angle.

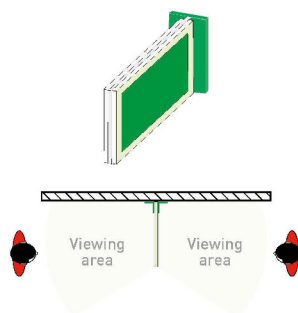
• TYPE 1 (single-sided)

Parallel wall mounted sign.



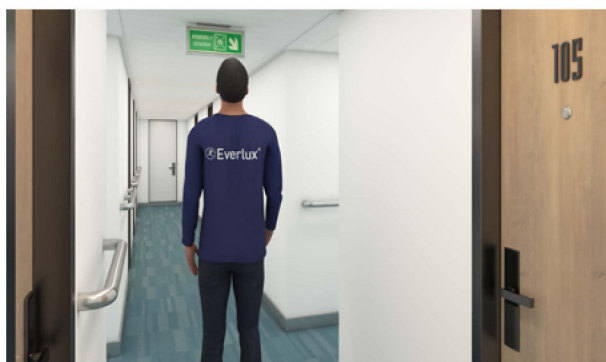
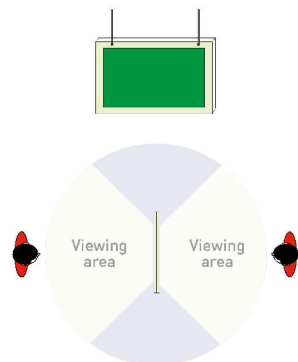
• TYPE 2 (double-sided)

The signs are mounted perpendicularly to the wall by means of a flexible bracket. The bracket consists of a strip that enables the installation of double-sided signs in any location and was developed with the aim of allowing the sign to swing through 180° (+90° and -90°) without breaking.



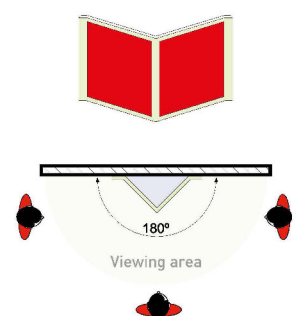
• TYPE 3 (double-sided)

A Type 3 suspended double-sided sign is to be hung from the ceiling. The sign is supplied with holes drilled in the top corners which allow the appropriate fixings to be used (fixings not supplied).



• TYPE P (panoramic signs)

The sign with the greatest visibility. These signs are printed on both exterior surfaces and guarantee a viewing angle of 180°.



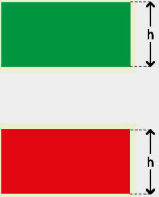
Sizes and Viewing Distances

The size of the sign is defined by the maximum viewing distance from which the sign is understandable. According to ISO 3864-1:2011, the viewing distance at which a sign of a particular size is conspicuous and comprehensible depends on the illumination of the sign.

$$l = z_0 \times h$$

Where: l - is the observation distance (m);
 z_0 - is the distance factor;
 h - is the height of the sign (m).

Life-Saving and Emergency Equipment, Escape Route and Fire Fighting Equipment Signs

Geometric Shape	Meaning	Everlux® sign sizes (mm)	h height of the sign (mm)	l observation distance (m)
	[$z_0=60$]	100x100	80	5
		150x150	131	8
		200x200	180	11
		300x300	278	17
		400x400	376	23
	Escape Route and Fire Fighting Equipment Signs [$z_0=60$]	150x50	36	2
		150x75	55	3
		200x50	36	2
		200x70	55	3
		200x100	80	5
		300x70	57	3
		300x100	80	5
		300x150	129	8
		400x100	78	5
		400x120	98	6
		400x150	129	8
		400x200	180	11
		450x150	129	8
		600x150	129	8
		600x200	180	11
		600x300	276	17
		150x200 (*)	129	8
		200x300 (*)	180	11
		300x400 (*)	276	17

(*) Signs with complementary text for which only the height of the pictogram is relevant for the calculation of their observation distance



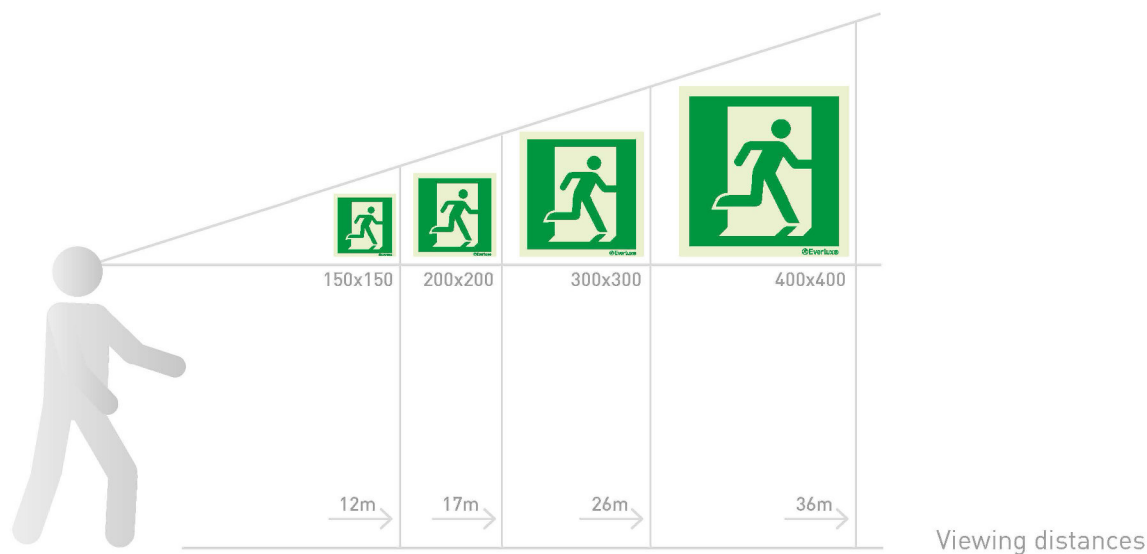
Life-Saving and Emergency Equipment, Escape Route and Fire Fighting Equipment Signs



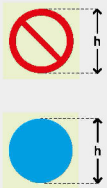
Exception Signs

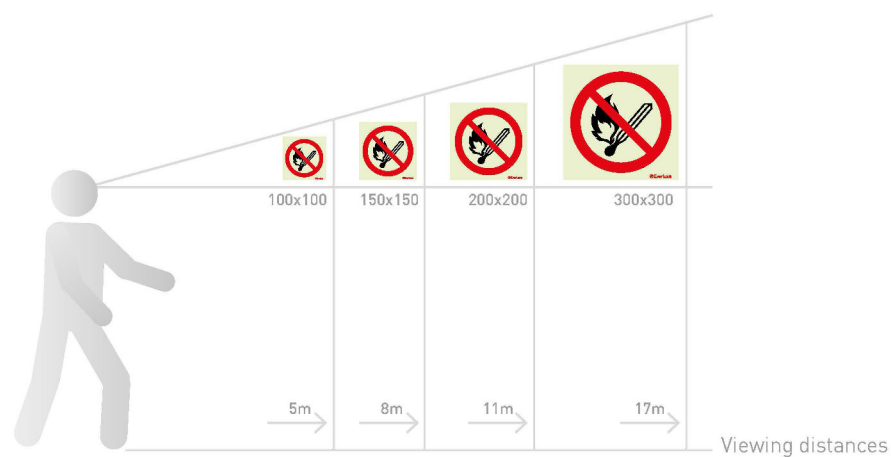
Geometric Shape	Meaning	ⓈEverlux® sign sizes (mm)	h height of the sign (mm)	l observation distance (m)
	$z_0=95$ for S 04 61 and S 04 62 signs as per ISO 7010:2019	150x150	129	12
		200x200	180	17
		300x300	278	26
		400x400	376	36

Note: The distance factor (z_0) is assumed as a general value of 60 as defined by ISO 3864-1:2011. For ISO 7010 - S 04 61 and S 04 62 emergency exit signs the recommended value of z_0 is 95 considering an illuminance range between 5 and 100 lux. Over the illuminance range up to about 100 lux, z_0 increases according to ISO 3864-1:2011.

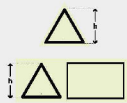


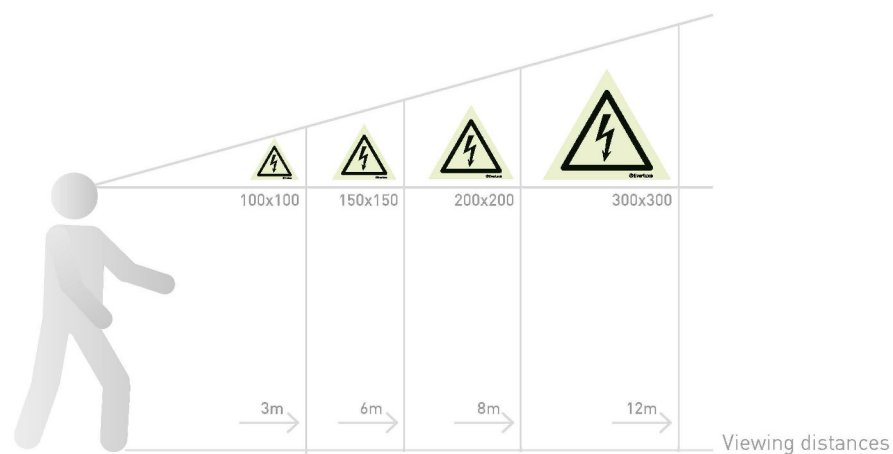
Mandatory and Prohibition Action Signs

Geometric Shape	Meaning	Everlux® sign sizes (mm)	h height of the sign (mm)	l observation distance (m)
	Prohibition and Mandatory Action Signs $[z_0=60]$	100x100	80	5
		150x150	131	8
		200x200	180	11
		300x100	80	5
		300x300	278	17
		400x150	131	8
		400x400	376	23



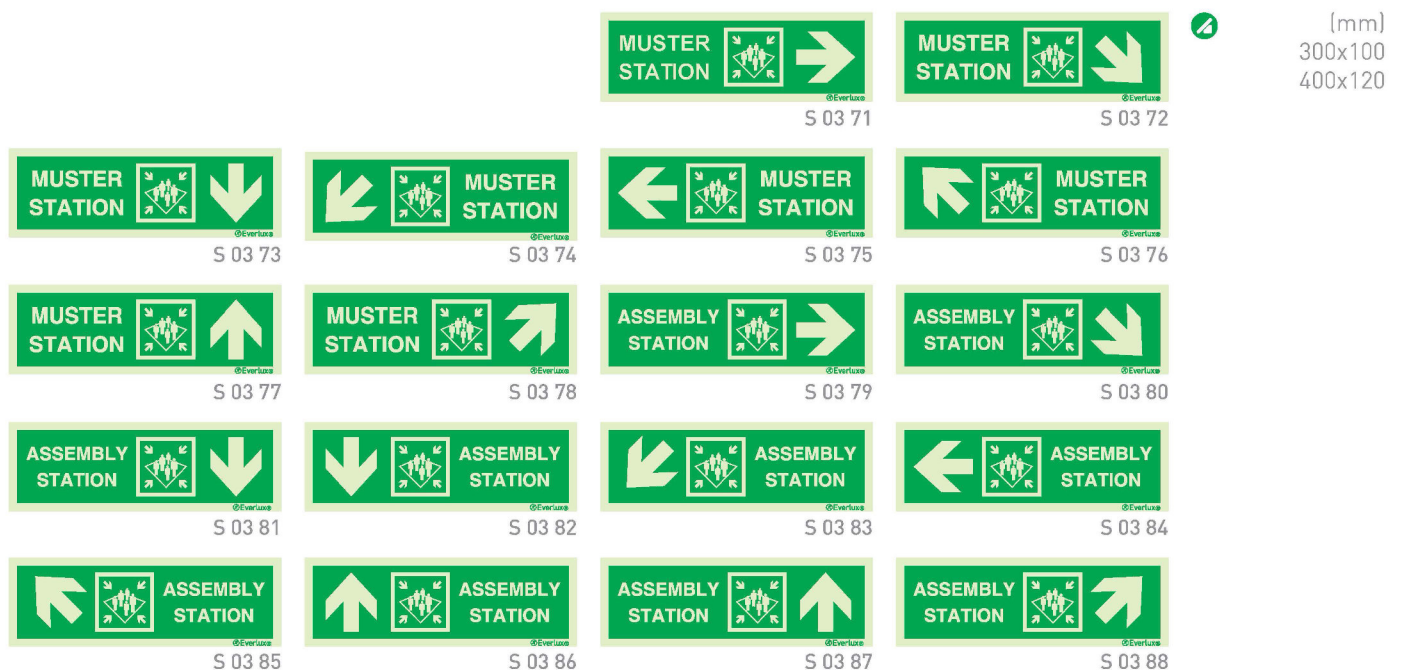
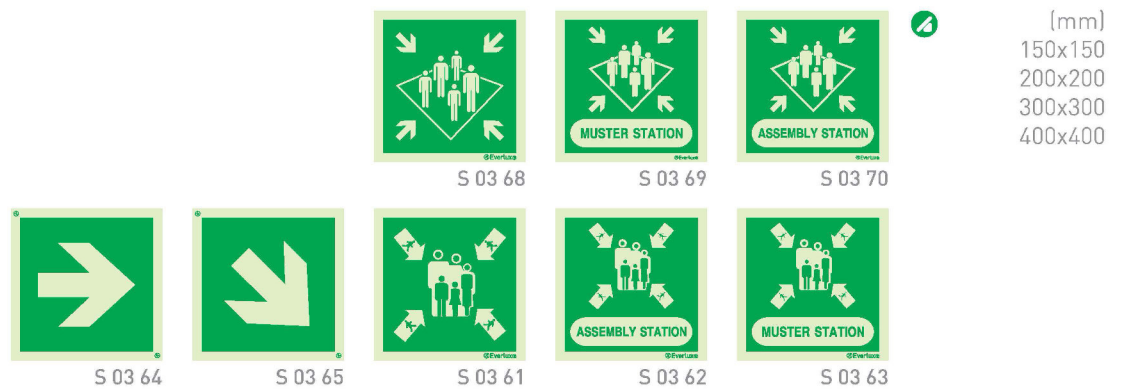
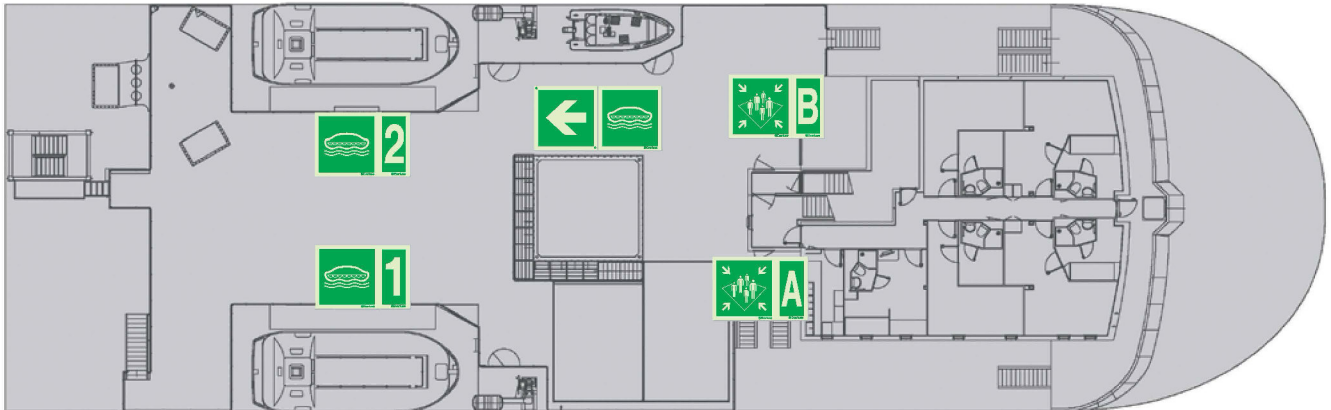
Hazard Signs

Geometric Shape	Meaning	Everlux® sign sizes (mm)	h height of the sign (mm)	l observation distance (m)
	Hazard Signs $[z_0=60]$	base 100	56	3
		base 150	94	6
		base 200	130	8
		base 300	193	12
		base 400	264	16
		300x100	80	5
		400x150	113	7



Muster Station and Embarkation Station Signs

The objective of the escape route signing system is to ensure that a sign or a series of signs is provided and placed so that a person is directed along the escape route from any space within a ship or a marine installation towards an assembly station or embarkation station. The signing system should be designed based on the means of escape plan, assembly station plan, and lifesaving plan. It should provide simple information that will make it easy to identify the means of escape provisions, allow people to escape with minimum assistance and avoid possible points of confusion.



✈ MEANS OF ESCAPE SIGNS (MES)

Direction to Helideck

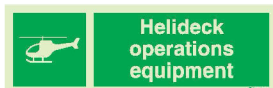


(mm)
150x150
200x200
300x300
400x400



S 06 21

(mm)
300x100
400x120



S 06 31



S 03 47



S 06 32



S 06 33



S 06 34



S 06 35



S 06 36



S 06 37



S 06 38



S 06 39

Protection Shelter Signs

(mm)
150x150
200x200
300x300
400x400



S 06 01

(mm)
300x100
400x120



S 06 11



S 06 12



S 06 13



S 06 14



S 06 15



S 06 16



S 06 17



S 06 18

Escape Route Signs in Compliance with IMO Resolution A.1116 (30), ISO 24409 and EN ISO 7010

Escape route signs take priority over any other signs. These should be installed at consistent intervals of up to 15m in order to make it easier for evacuees to predict the location of the next evacuation sign.

Escape route signs should be installed at the center line over the doors at a height between 2.0m and 2.5m from the deck to the base of the sign in order to assure visibility from any foot traffic area. The escape route signs that are to be installed on bulkheads should be installed between 1.5m and 2.0m. As far as it is possible, installation heights should be kept throughout the escape route.



Escape Route Signs in Compliance with IMO Resolution A.1116 (30), ISO 24409 and EN ISO 7010



✚ MEANS OF ESCAPE SIGNS (MES)

Escape Route Signs in Compliance with IMO Resolution A.1116 (30), ISO 24409 and EN ISO 7010

(mm)
300x150



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



(*) Only available
in this size

Deck and Stair Identification Signs

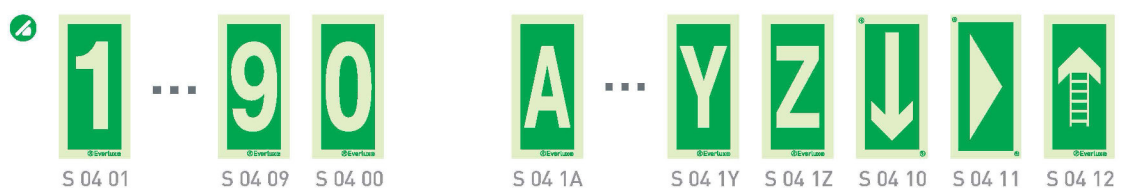


(mm)
300x100
400x150
600x200

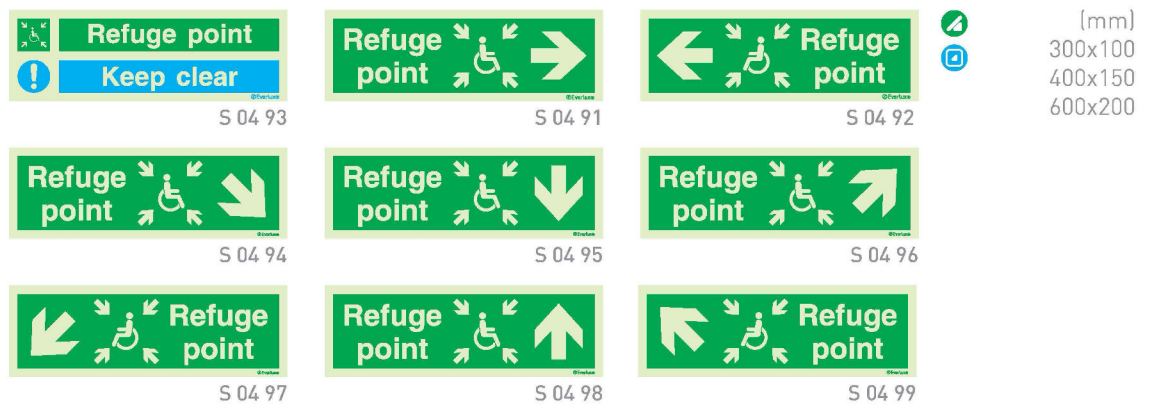
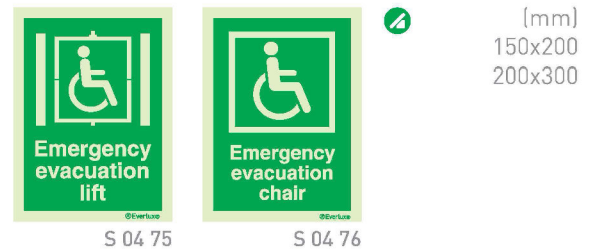


Number and Letter Supplementary Signs for Life-saving Equipment Marking and for other Identification Requirements

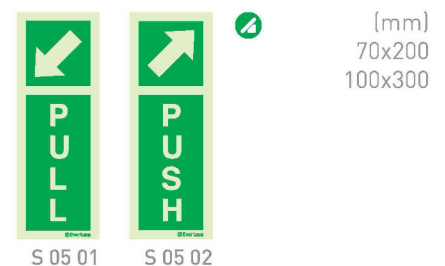
(mm)
75x150
100x200
150x300
200x400



Escape Route Signs for People with Reduced Mobility



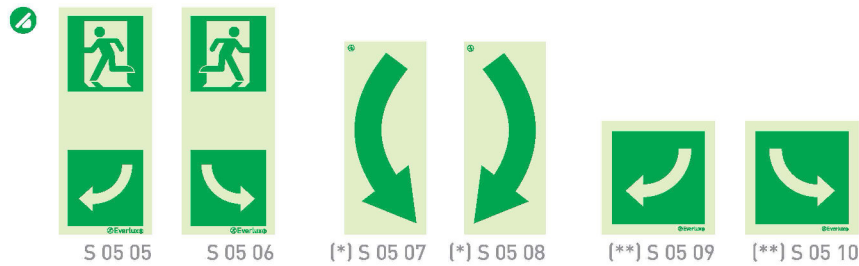
Escape Door Opening Mechanism Signs



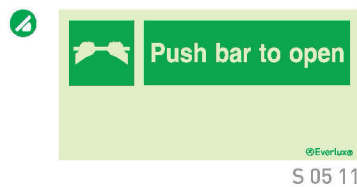
✚ MEANS OF ESCAPE SIGNS (MES)

Escape Door Opening Mechanism Signs

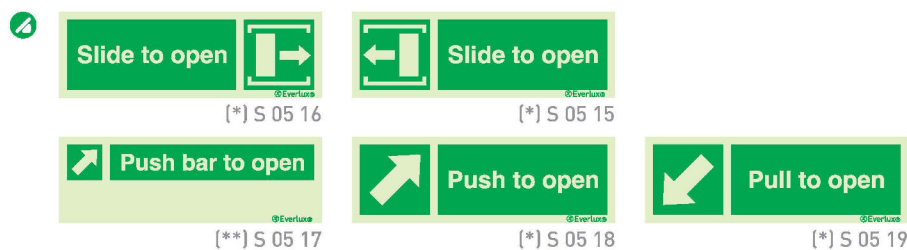
(mm)
75x150(*)
100x100(**)
100x240
(*) (**) Only available in this size



(mm)
300x150
400x200
600x300



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



(mm)
200x50
300x70
400x100



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



(mm)
200x70
300x100
400x120



(mm)
150x200
200x300
300x400



Emergency Equipment Signs (EES)

Emergency equipment must be installed on board and their location should be clearly signed for quick identification in case of need. For example, the automated external defibrillators (AED) are being increasingly used as means of assistance to victims of cardiac arrest. Several countries already provide that AED be used on board. The MCA - Maritime and Coastguard Agency - recommends that UK-flagged ships carry AED (MGN 297 (M)); whilst in Germany, the use of AED in some German-flagged ships is mandatory according to Ordinance for the Medical Care on Seagoing Vessels, issued by the BG for Transport and Traffic, and to Guideline No. 3, issued by the Sanitation Ship Committee of German Federal States.

Since the chance of survival for cardiac arrest victims significantly increases with a prompt response, the quick identification of AED equipment is vital. The identification of these equipments must be made using photoluminescent signs.



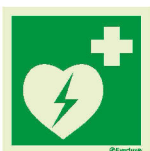
S 03 00



(mm)
150x150
200x200
300x300
400x400



S 03 27



S 03 01



S 03 02



S 03 03



S 03 04



S 03 05



S 03 06



S 03 07



S 02 27



S 03 09



S 03 10



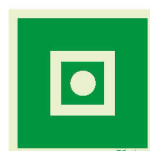
S 03 11



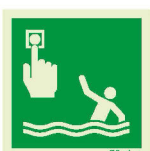
S 03 21



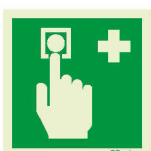
S 03 12



S 03 13



S 03 28



S 03 29



S 03 14



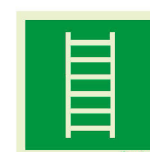
S 03 15



S 03 16



S 03 17



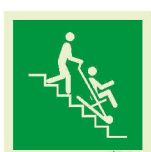
S 03 18



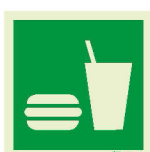
S 03 19



S 03 20



S 03 23



S 03 24



S 03 25



S 03 26



S 03 31



S 03 32



S 03 33



S 03 34



S 03 35



S 03 36



S 03 37



S 03 38



S 03 39



S 03 40



S 03 41



S 03 56



S 03 57



S 03 42



S 03 43



S 03 44



S 03 58



S 03 59



S 03 45



S 03 46



S 03 48



S 03 49



S 03 50



S 03 51



S 03 52



S 03 53



S 03 54



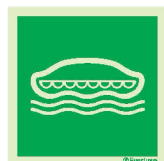
S 03 55

LIFE-SAVING APPLIANCE SIGNS (LSS)

Life-saving Appliance Signs according to IMO Res. A.1116(30), A.760(18), ISO 24409 and ISO 17631



(mm)
150x150
200x200
300x300



S 02 01



S 02 02



S 02 03



S 02 04



S 02 05



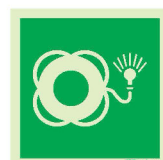
S 02 06



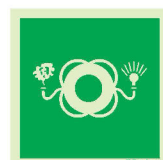
S 02 07



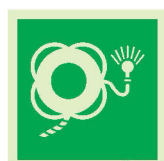
S 02 08



S 02 09



S 02 10



S 02 11



S 02 12



S 02 13



S 02 14



S 02 15



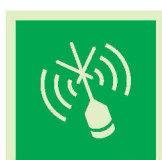
S 02 16



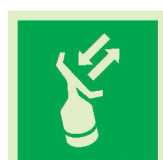
S 02 17



S 02 18



S 02 19



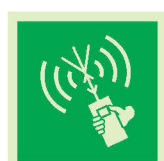
S 02 20



S 02 21



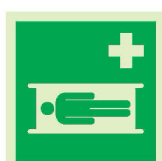
S 02 22



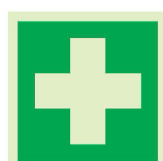
S 02 23



S 02 24



S 02 25



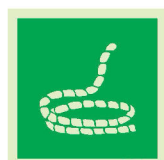
S 02 26



S 02 27



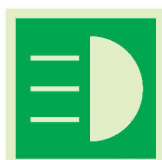
S 02 28



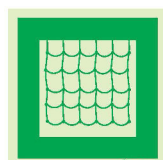
S 02 29



S 02 30



S 02 31



S 02 32



S 02 33



S 14 67

(mm)
150x150
200x200
300x300



S 02 51



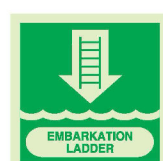
S 02 52



S 02 53



S 02 54



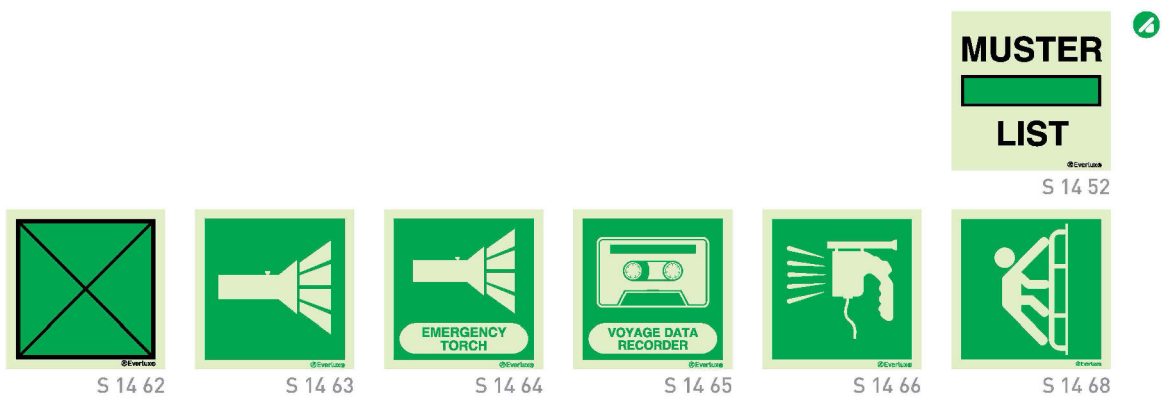
S 02 55

Life-saving Appliance Signs according to IMO Res. A.1116(30), A.760(18), ISO 24409 and ISO 17631



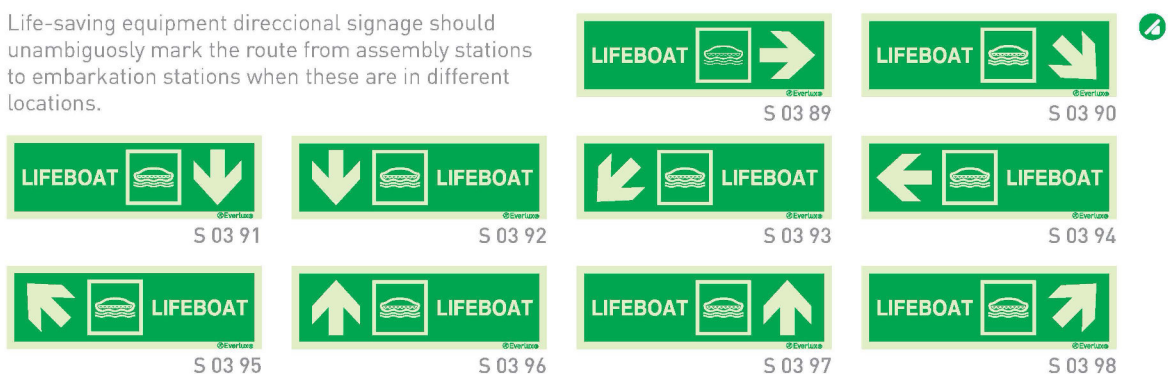
(mm)
150x150
200x200
300x300

Non-standard Life-Saving Appliance IMO Signs



(mm)
150x150
200x200
300x300

Life-saving equipment directional signage should unambiguously mark the route from assembly stations to embarkation stations when these are in different locations.



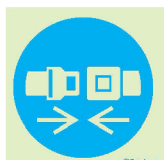
(mm)
300x100
400x120

LIFE-SAVING APPLIANCE SIGNS (LSS)

Mandatory Action Signs for Launching Life-saving Equipment According to IMO Resolution A.1116 (30), ISO 24409 and SOLAS Convention (Chap. III Reg. 9.2.3.)



(mm)
150x150
200x200
300x300



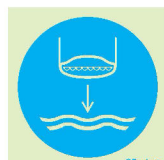
S 00 01



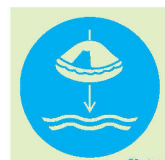
S 00 02



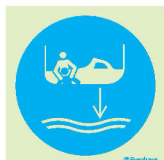
S 00 03



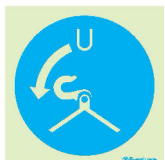
S 00 04



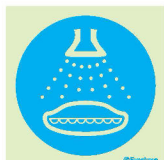
S 00 05



S 00 06



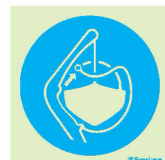
S 00 07



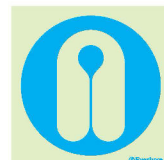
S 00 08



S 00 09



S 00 10



S 00 11

(mm)
150x150
200x200
300x300



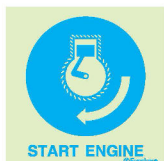
FASTEN SEAT BELTS

S 01 01



SECURE HATCHES

S 01 02



START ENGINE

S 01 03



LOWER LIFEBOAT

S 01 04



LOWER LIFERAFT

S 01 05



LOWER RESCUE BOAT

S 01 06



RELEASE FALLS

S 01 07



START WATER SPRAY

S 01 08



START AIR SPRAY

S 01 09

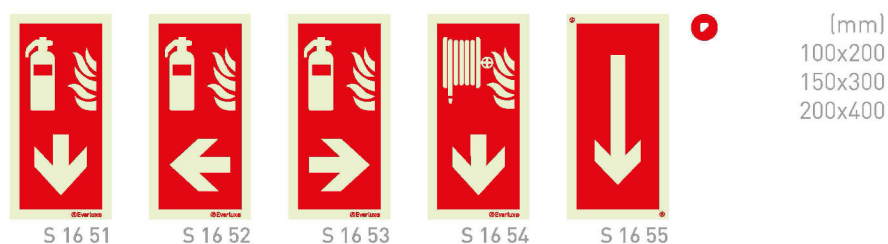
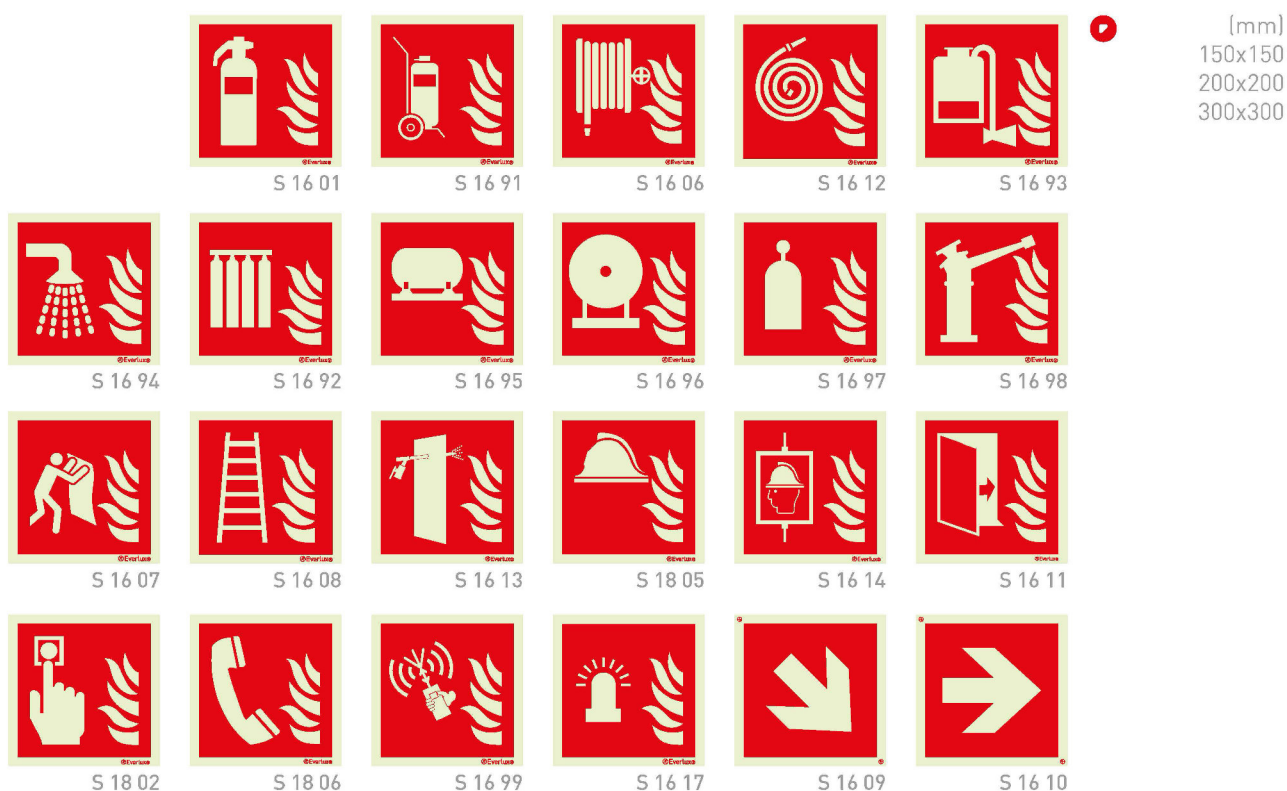


RELEASE GRIPES

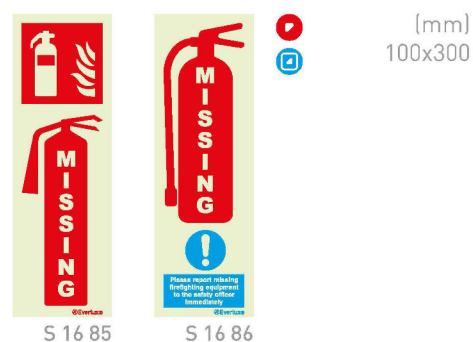
S 01 10

Signs with symbols
and supplementary
text

Fire-fighting Equipment Signs in Compliance with IMO Resolution A.1116 (30), ISO 24409 and EN ISO 7010



To indicate when an extinguisher is missing a sign can be placed on the wall behind the extinguisher that displays the telephone number of the service agent or supplier.



FIRE-FIGHTING EQUIPMENT SIGNS (FES)

Supplementary Signs, Combination Signs and Multiple Signs

Supplementary signs provide complementary information and will extend the safety message communicated by the referent of a given safety sign. There are supplementary explanatory signs, supplementary directional arrow signs and supplementary identification signs. When a safety sign is used in conjunction with a supplementary sign, that conjunction becomes a combination sign. The example on the left hand side uses a fire extinguisher sign together with several supplementary signs.



Fire extinguisher
Brannsløkker

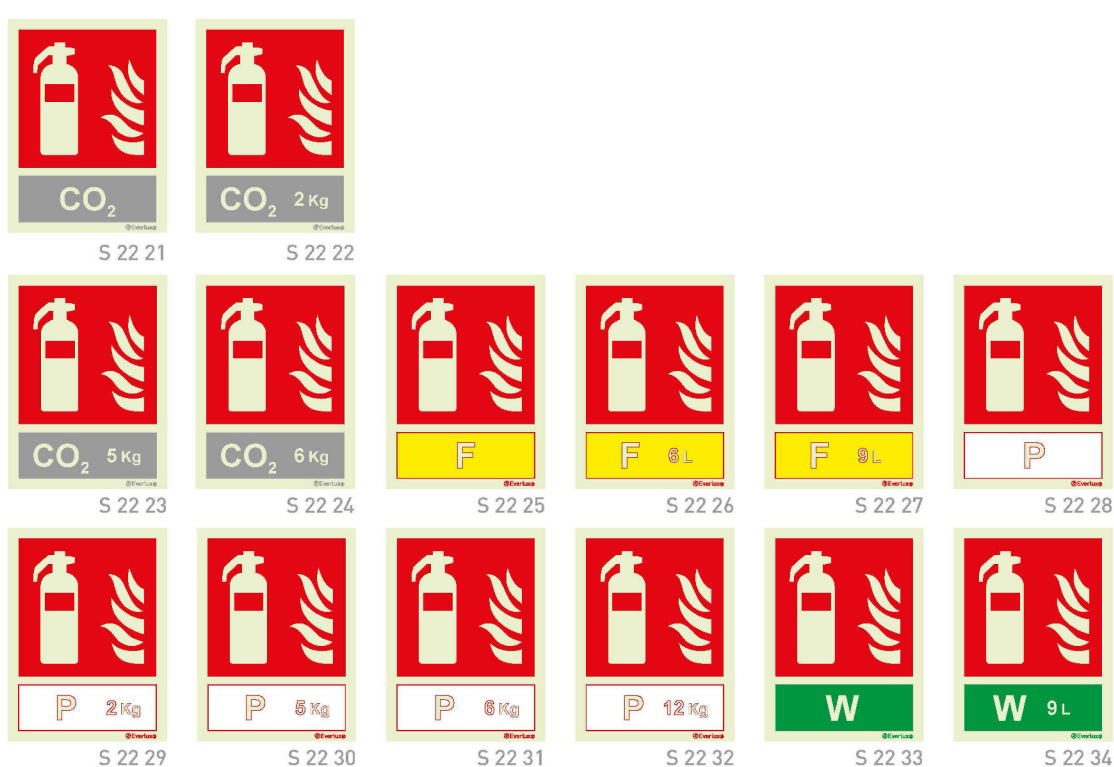
When a text supplementary sign is used then, it should use the languages that are appropriate to the service of the ship and the working language on-board the vessel as illustrated in this example using a fire extinguisher identification supplementary sign with English and Norwegian text.

Fire Extinguisher Signs with Integrated Supplementary Extinguishing Agent ID Sign

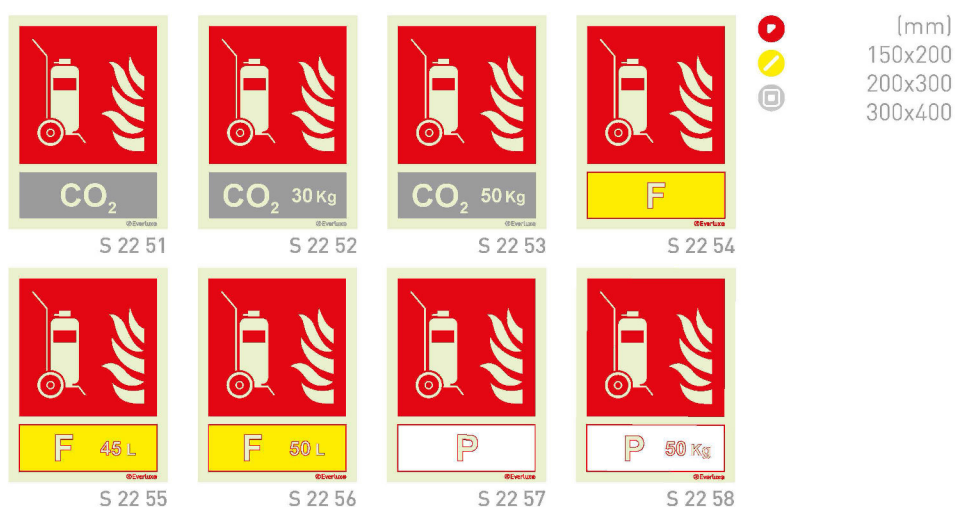
(mm)
200x150
300x200
400x300



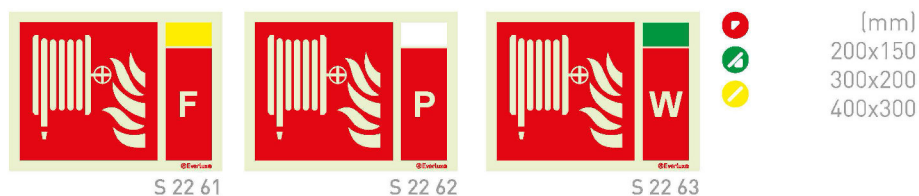
(mm)
150x200
200x300
300x400



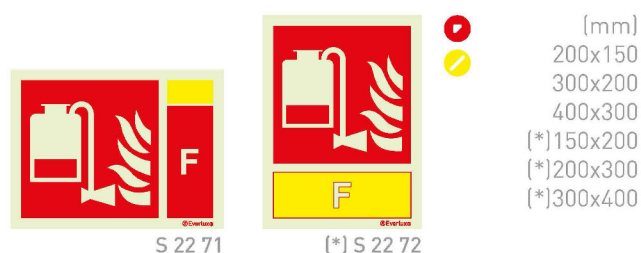
Wheeled Fire Extinguisher Signs with Integrated Supplementary Extinguishing Agent ID Sign



Fire Hose Reel Signs with Integrated Supplementary Extinguishing Agent ID Sign



Portable Foam Applicator Signs with Integrated Supplementary Extinguishing Agent ID Sign

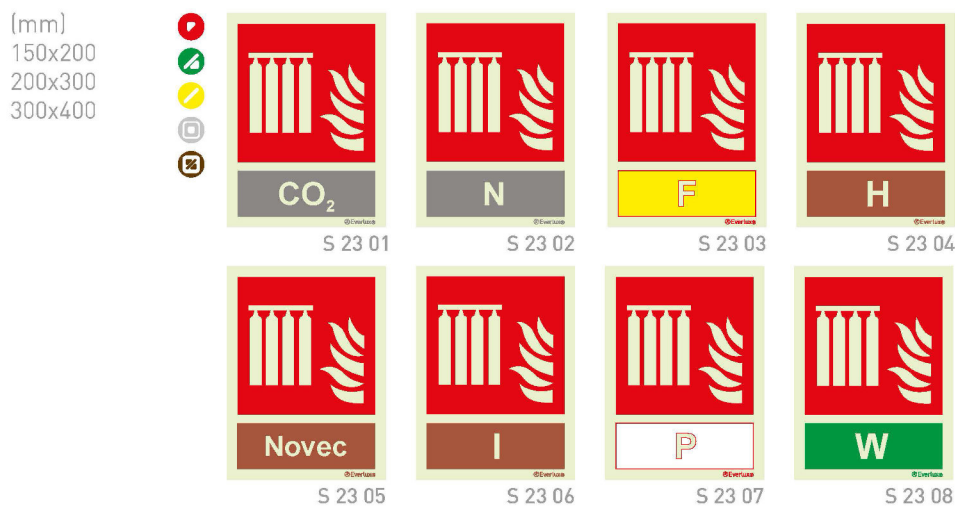
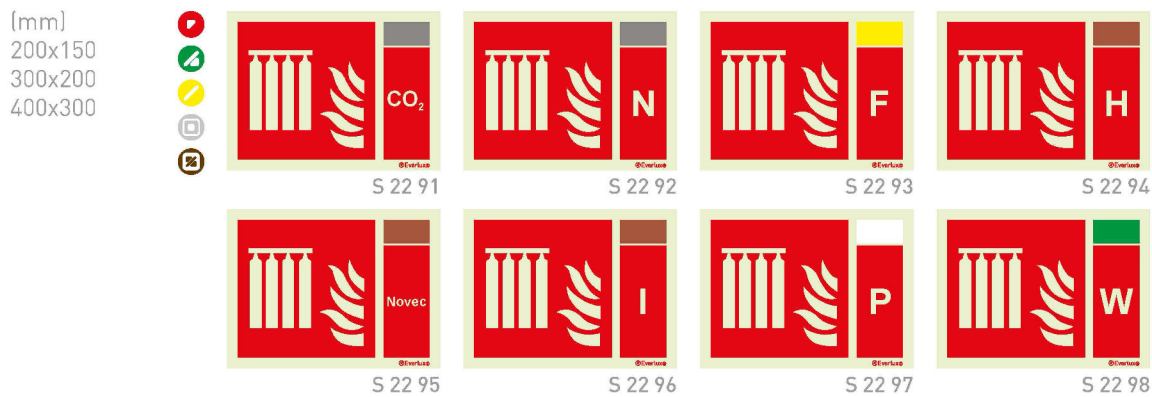


FIRE-FIGHTING EQUIPMENT SIGNS (FES)

Fog Applicator Signs with Integrated Supplementary Extinguishing Agent ID Sign



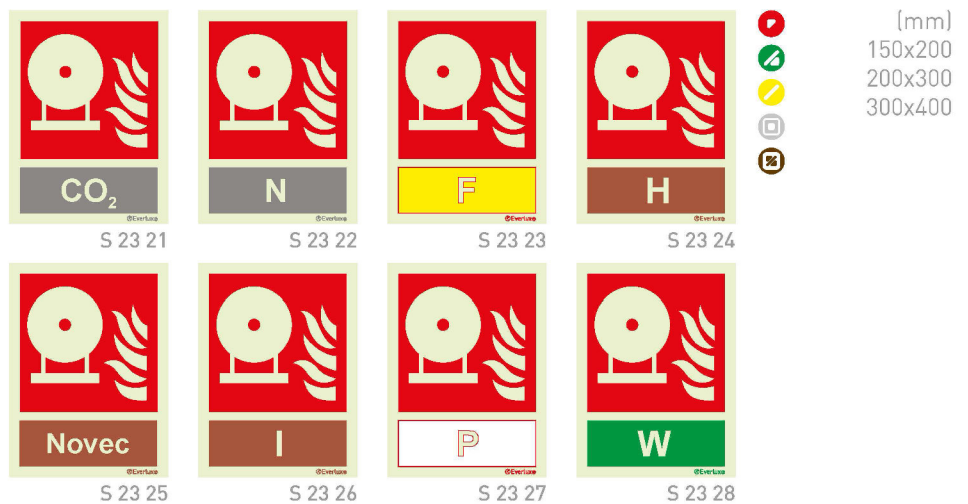
Fixed Fire-extinguishing Battery Signs with Integrated Supplementary Extinguishing Agent ID Sign



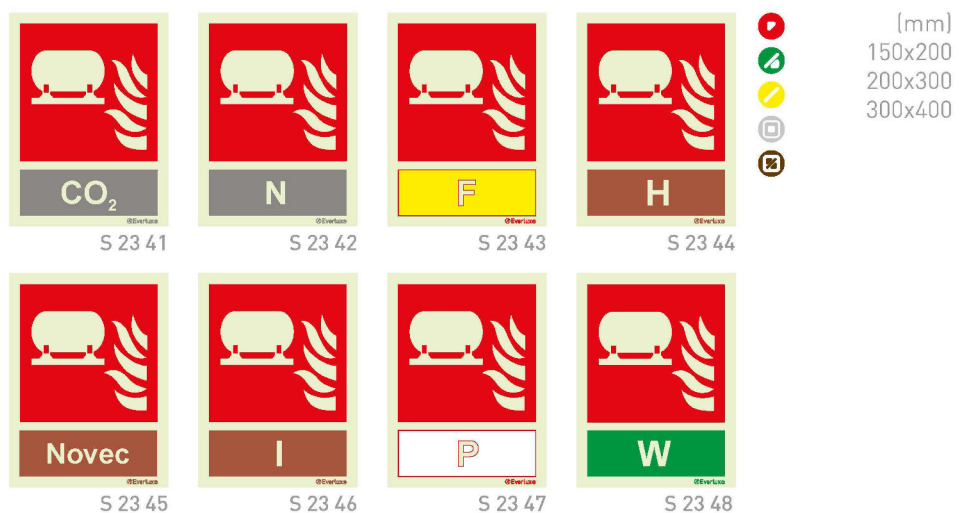
Fixed Fire-extinguishing Bottle Signs with Integrated Supplementary Extinguishing Agent ID Sign



Fixed Fire-extinguishing Bottle Signs with Integrated Supplementary Extinguishing Agent ID Sign



Fixed Fire-extinguishing Installation Signs with Integrated Supplementary Extinguishing Agent ID Sign



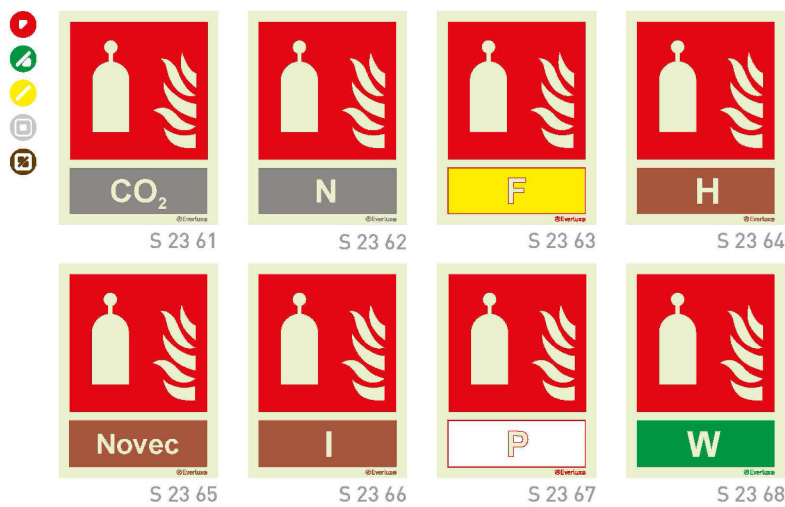
FIRE-FIGHTING EQUIPMENT SIGNS (FES)

Remote Release Station Signs with Integrated Supplementary Extinguishing Agent ID Sign

(mm)
200x150
300x200
400x300



(mm)
150x200
200x300
300x400



Fire Monitor Signs with Integrated Supplementary Extinguishing Agent ID Sign

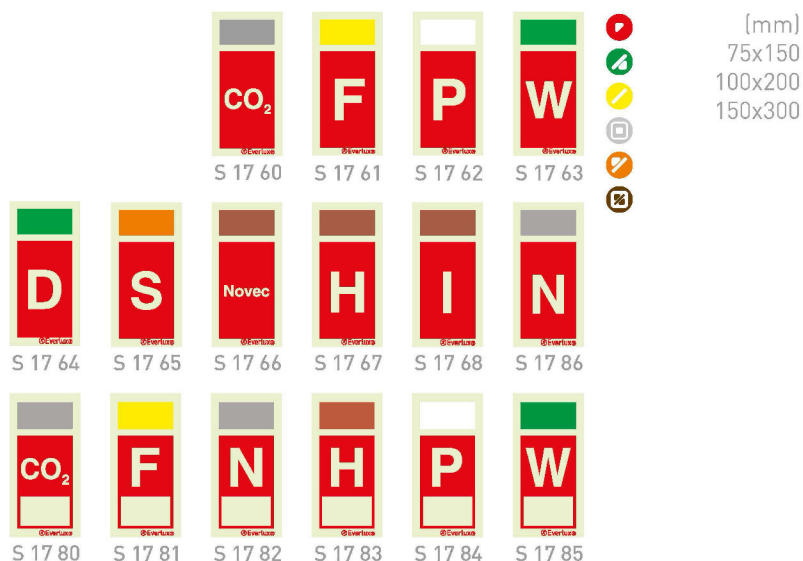
(mm)
200x150
300x200
400x300



(mm)
150x200
200x300
300x400



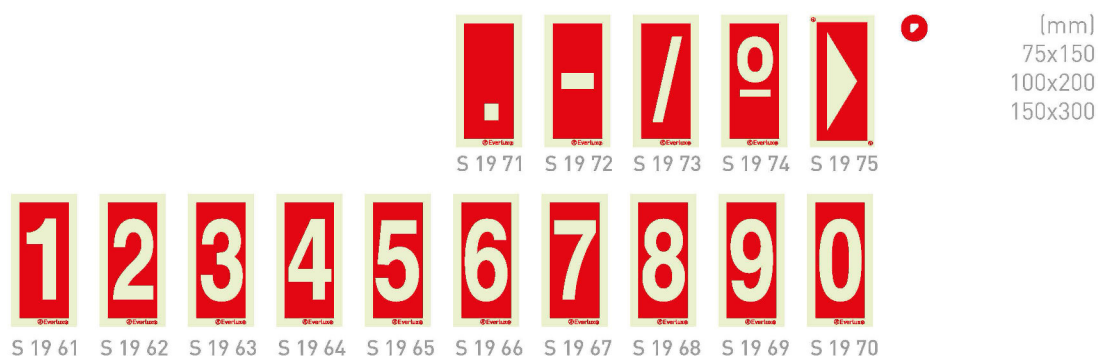
Fire Extinguishing Agent ID Signs



Fire-fighting Equipment Signs with Integrated Supplementary Text



Numbers and Other Supplementary Signs



FIRE-FIGHTING EQUIPMENT SIGNS (FES)

Fire-fighting Equipment Signs with Integrated Supplementary Text

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



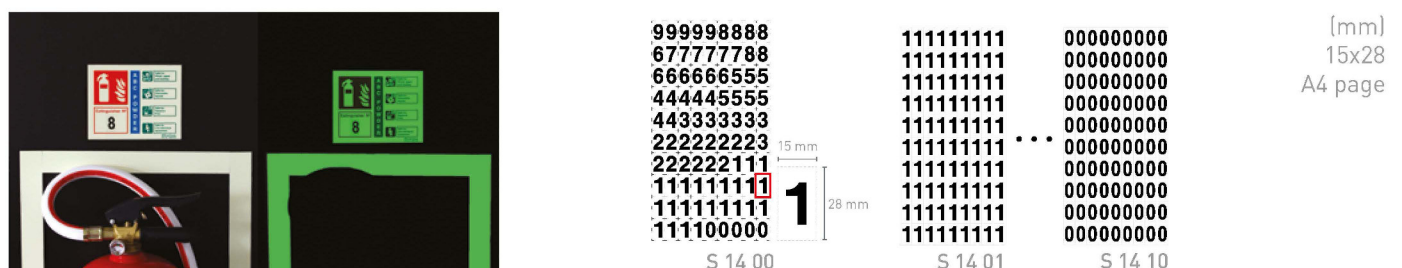
 Fire extinguisher S 19 01	 Fire extinguisher Keep clear S 19 02	 For use on any fires S 19 03	 For use on electrical fires S 19 04	 For use on flammable liquid fires S 19 05
 Wheeled fire extinguisher S 19 35	 Fire hose S 19 06	 Fire hose reel S 19 07	 Fire hose Keep clear S 19 08	
 Open valve before running out hose S 19 09	 Portable foam applicator unit S 19 36	 Water fog applicator S 19 37	 Fixed fire extinguishing battery S 19 38	
 Fixed fire extinguishing installation S 19 39	 Fixed fire extinguishing bottle S 19 40	 Remote release station S 19 41	 Fire monitor S 19 42	
 Fire ladder S 19 43	 Fire emergency radio S 19 44	 Fire protection door S 19 45	 Fire alarm S 19 10	
 Fire alarm call point [*] S 19 11	 In case of fire break glass [*] S 19 12	 Fire point S 19 13	 Fire hydrant S 19 14	
 Fire hydrant keep clear S 19 15	 Open valve in case of fire S 19 16	 Wet riser [*] S 19 17	 Sprinkler stop valve [*] S 19 18	
 Sprinkler control valve S 19 19	 Open this valve in the event of fire S 19 20	 Foam inlet S 19 21	 Fireman's suit S 19 22	
 Fire fighting equipment stored inside S 19 23	 To be used only in the case of fire S 19 24	 Area with smoke detectors S 19 25	 Fire flap S 19 26	
 Fire pump S 19 27	 Fire pump start button S 19 28	 Fire telephone [*] S 19 29	 Area equipped with fixed fire extinguishing system S 19 30	
 Fire Plan S 19 31	 Fire alarm control panel S 19 32	 Manual control of fixed fire extinguishing system S 19 33	 Fire blanket S 19 34	

[*] Also available in
this size

Fire Extinguisher Identification Signs



Numbered Fire Extinguisher Identification Signs



FIRE-FIGHTING EQUIPMENT SIGNS (FES)

Fire Alarm Signs

(mm)
150x150
200x200
300x300



S 13 12



S 18 02



S 18 03



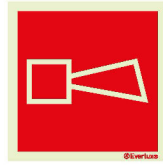
S 18 04



S 18 06



S 18 07



S 18 08



S 16 17



(mm)
150x200
200x300
300x400



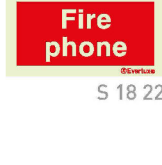
S 18 22



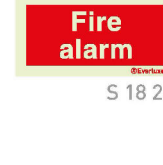
S 18 23



S 18 24



S 18 22



S 18 23



S 18 24

Signs for Lifts

(mm)
300x100
400x150



S 18 38



S 18 39

(mm)
150x150
200x200
300x300



S 18 40

(mm)
150x200
200x300



S 18 41



S 18 42



S 18 43



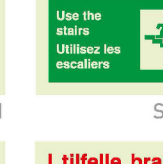
S 18 44



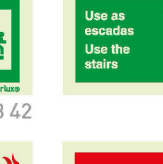
S 18 45



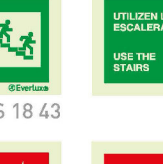
S 18 46



S 18 47



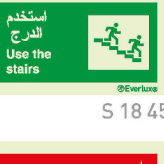
S 18 48



S 18 49



S 18 50



Fire Plan Location Signs in Compliance with IMO MSC/Circ.451

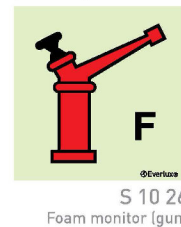
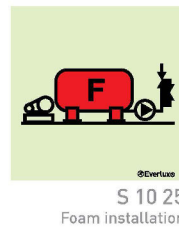
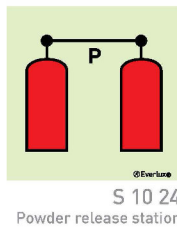
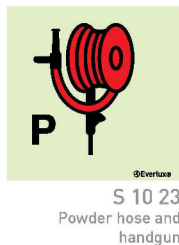
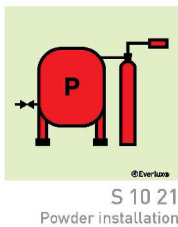
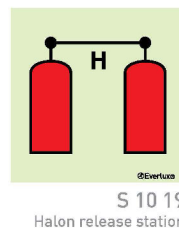
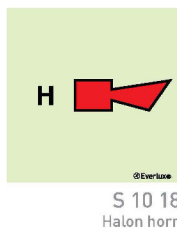
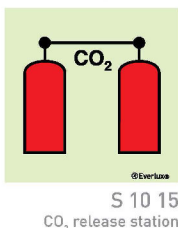
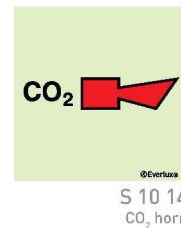
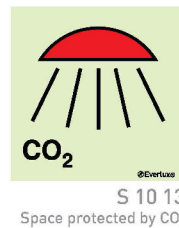
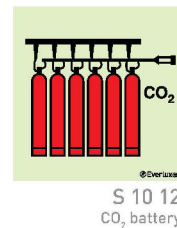
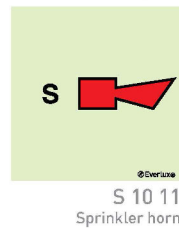
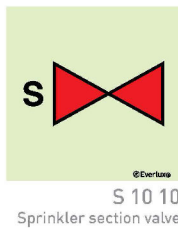
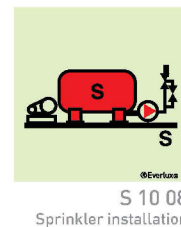
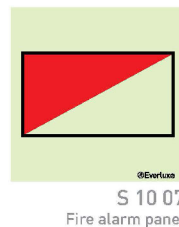
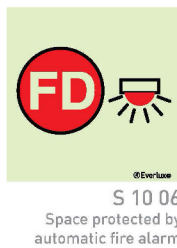
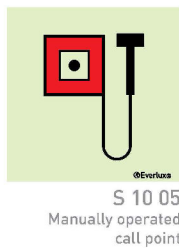
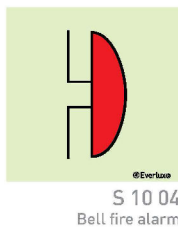
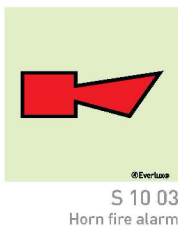
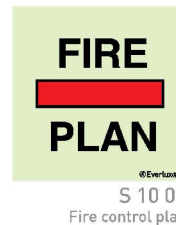


(mm)
400x300

IMO Fire Control Plan Signs - According to IMO Resolution A.654 (16)



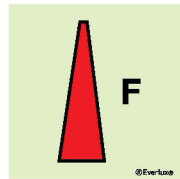
(mm)
150x150
200x200



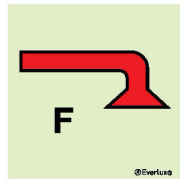
FIRE CONTROL PLAN SIGNS FOR SHIPBOARD USE (SIS)

IMO Fire Control Plan Signs - According to IMO Resolution A.654 (16)

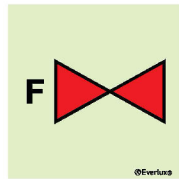
(mm)
150x150
200x200



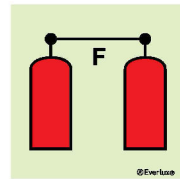
S 10 27
Foam nozzle



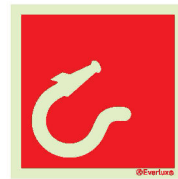
S 10 28
Space protected by foam



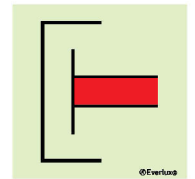
S 10 29
Foam valve



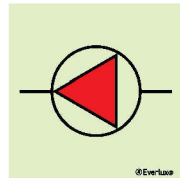
S 10 30
Foam release station



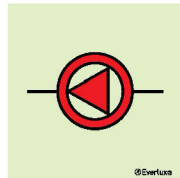
S 10 31
Hose box with
spray/jet fire nozzle



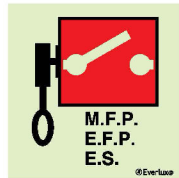
S 10 32
International shore
connection



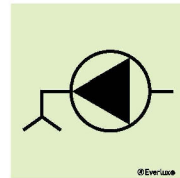
S 10 33
Fire pump



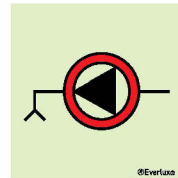
S 10 34
Emergency fire pump



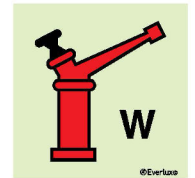
S 10 35
Remote control fire
pumps or emergency
switches



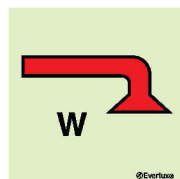
S 10 36
Bilge pump



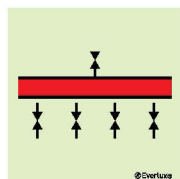
S 10 37
Emergency bilge pump



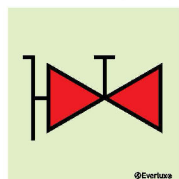
S 10 38
Water monitor (gun)



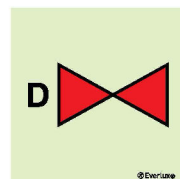
S 10 39
Water fog applicator



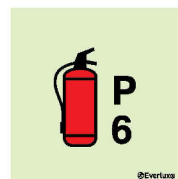
S 10 40
Drenching installation



S 10 41
Fire mains
with fire valves



S 10 42
Section valves
drenching system



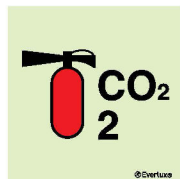
S 10 43
Powder portable fire
extinguisher - 6Kg



S 10 44
Foam portable fire
extinguisher - 9L



S 10 45
Halon 1211 portable fire
extinguisher - 4Kg



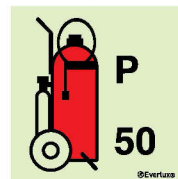
S 10 46
CO₂ portable fire
extinguisher - 2Kg



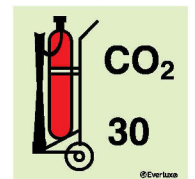
S 10 47
Powder fire
extinguisher - 2Kg



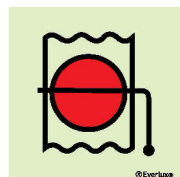
S 10 48
Powder fire
extinguisher - 1Kg



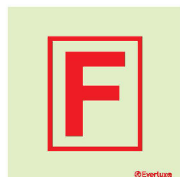
S 10 49
Powder wheeled fire
extinguisher - 50Kg



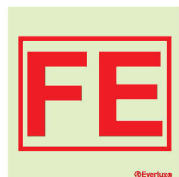
S 10 50
CO₂ wheeled fire
extinguisher - 30Kg



S 10 51
Fire damper in vent duct



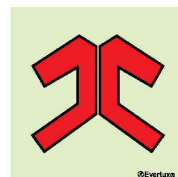
S 10 52
Fire station



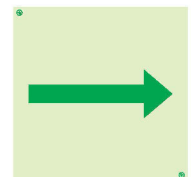
S 10 53
Locker with
fireman's outfit



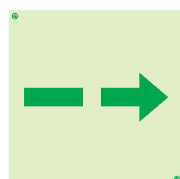
S 10 54
Locker with additional
breathing apparatus



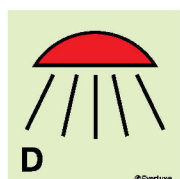
S 10 55
Locker for protective
clothing



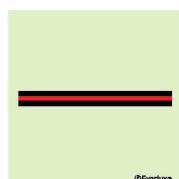
S 10 56
Primary means of
escape



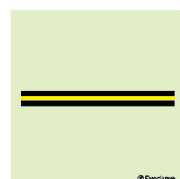
S 10 57
Secondary
means of escape



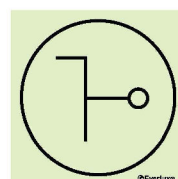
S 10 58
Space protected by
drenching system



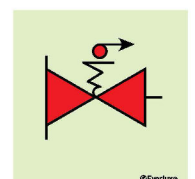
S 10 59
A class division



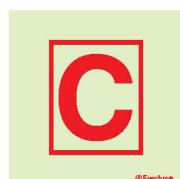
S 10 60
B class division



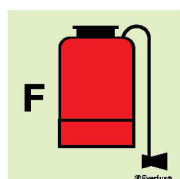
S 10 61
Remote controlled
skylights



S 10 62
Remote controlled fuel/
lubricating oil valves



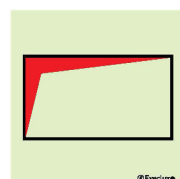
S 10 63
Control station



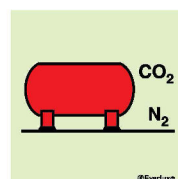
S 10 64
Portable foam applicator



S 10 65
Inert gas installation



S 10 66
High expansion
foam supply trunk

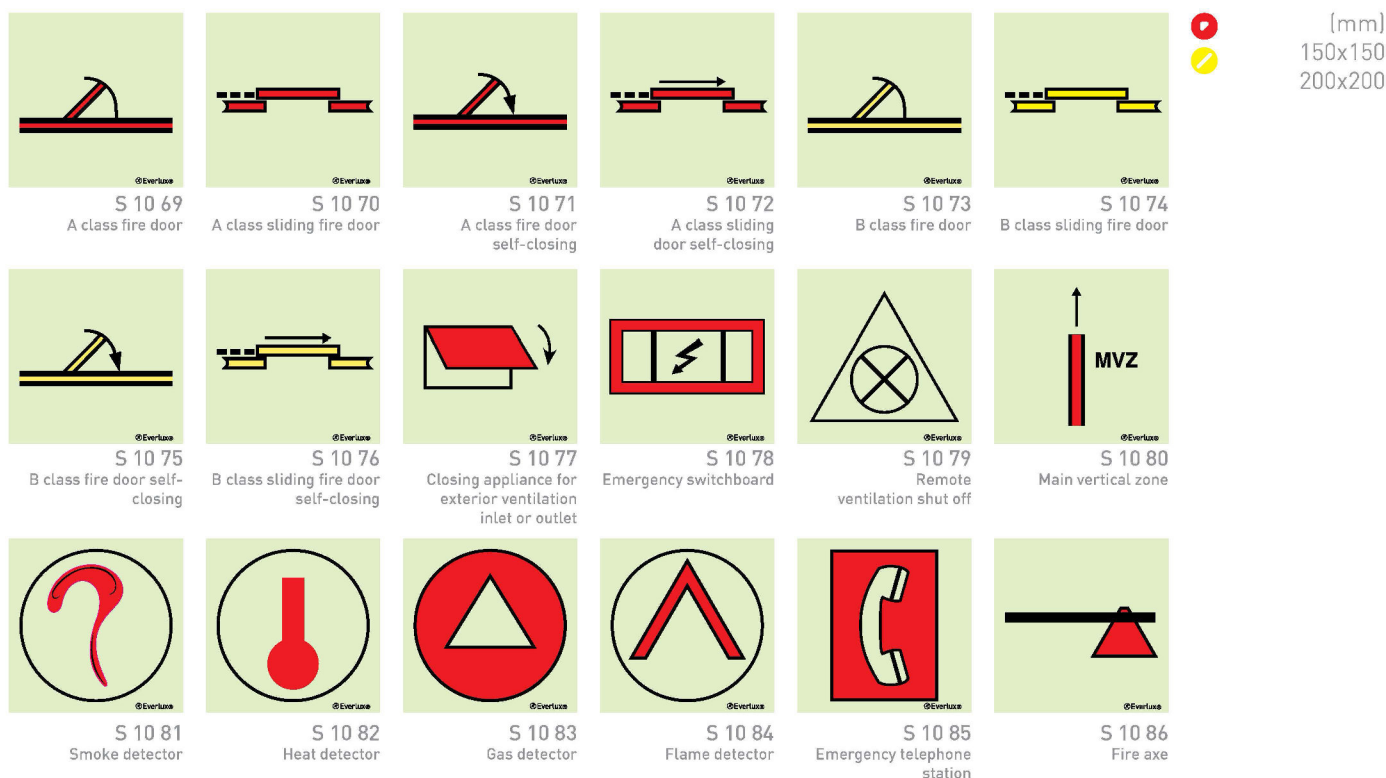


S 10 67
CO₂ / nitrogen bulk
installation

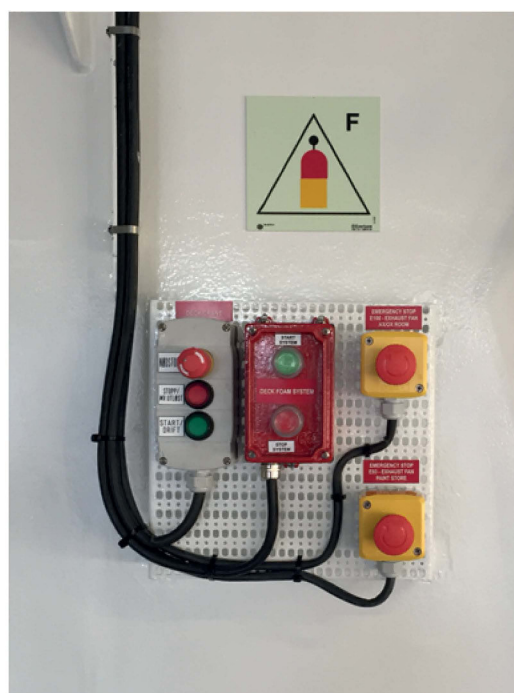


S 10 68
Emergency generator

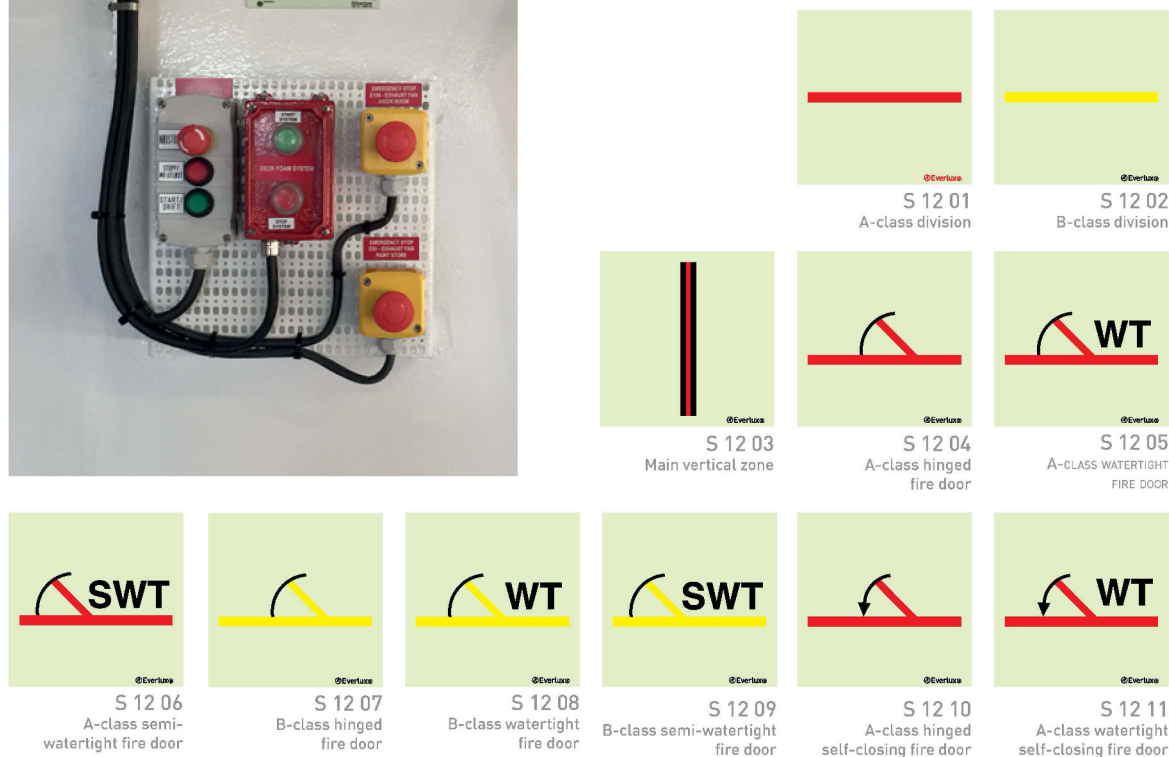
IMO Fire Control Plan Signs - According to IMO Resolution A.654 (16)



IMO Fire Control Plan Signs - According to IMO Resolution A.1116 (30), IMO Resolution A.952 (23), ISO 17631 and ISO 24409



Safety and operating instructions for trained personnel (SIS) - As per IMO Resolution A.1116 (30), SIS signs are safety-related signs that replicate the symbols used in the Fire Control Plans and are used to provide safety and operational instructions for trained personnel that can either be crew members or external personnel that may need to come on-board.



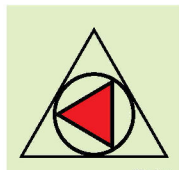
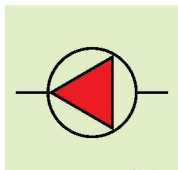
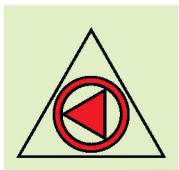
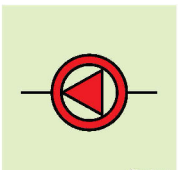
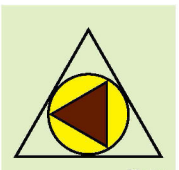
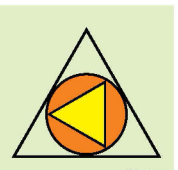
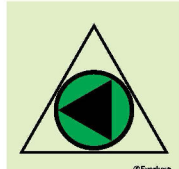
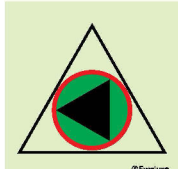
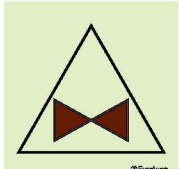
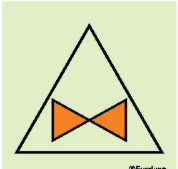
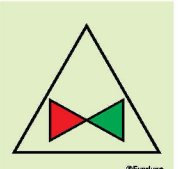
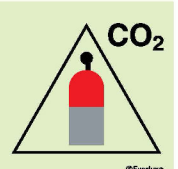
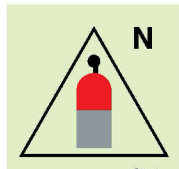
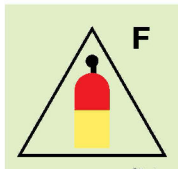
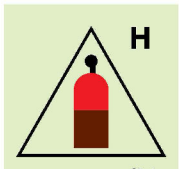
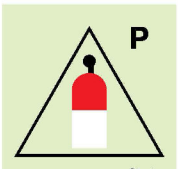
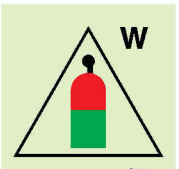
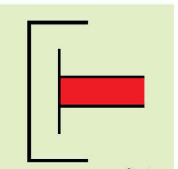
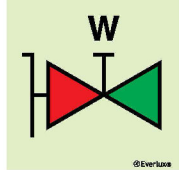
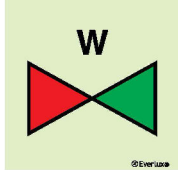
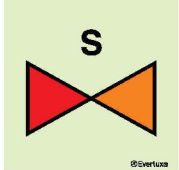
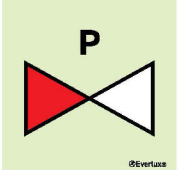
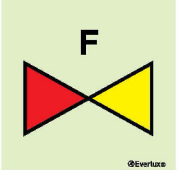
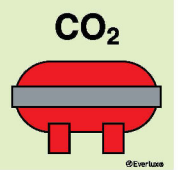
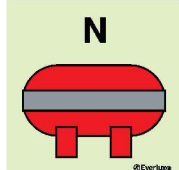
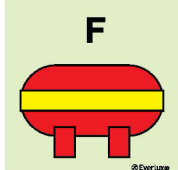
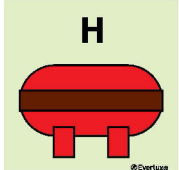
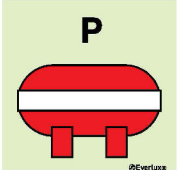
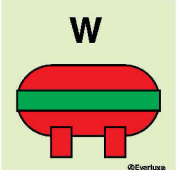
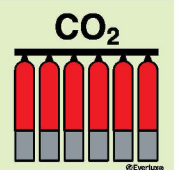
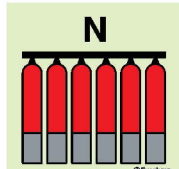
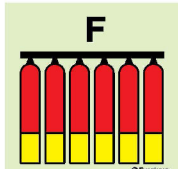
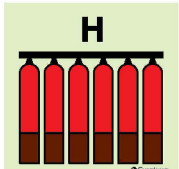
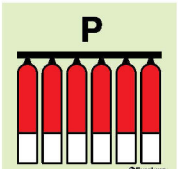
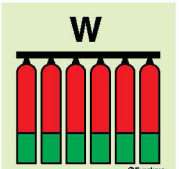
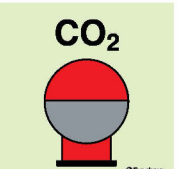
FIRE CONTROL PLAN SIGNS FOR SHIPBOARD USE (SIS)

IMO Fire Control Plan Signs - According to IMO Resolution A.1116 (30),
IMO Resolution A.952 (23), ISO 17631 and ISO 24409

(mm)
150x150
200x200



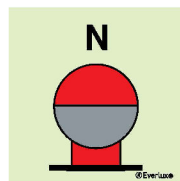
IMO Fire Control Plan Signs - According to IMO Resolution A.1116 (30),
IMO Resolution A.952 (23), ISO 17631 and ISO 24409

							(mm) 150x150 200x200
S 12 47 Remote control for fire pump(s)	S 10 33 Fire pump(s)	S 12 49 Remote control for emergency fire pump or fire pump supplied by the emergency source of power	S 10 34 Emergency fire pump	S 12 51 Fuel pump(s) remote shut-off	S 12 52 Lube oil pump(s) remote shut-off		
							
S 12 53 Remote control for bilge pump(s)	S 12 54 Remote control for emergency bilge pump	S 12 55 Remote control for fuel oil valves	S 12 56 Remote control for lube oil valves	S 12 57 Remote control for fire pump valve(s)	S 12 58 CO ₂ remote release station		
							
S 12 59 Nitrogen remote release station	S 12 60 Foam remote release station	S 12 61 Gas remote release station	S 12 62 Powder remote release station	S 12 63 Water remote release station	S 10 32 International shore connection		
							
S 12 65 Fire hydrant	S 12 66 Fire main section valve	S 12 67 Sprinkler-section valve	S 12 68 Powder-section valve	S 12 69 Foam-section valve	S 12 70 CO ₂ fixed fire-extinguishing installation		
							
S 12 71 Nitrogen fixed fire-extinguishing installation	S 12 72 Foam fixed fire- extinguishing installation	S 12 73 Gas fixed fire- extinguishing installation	S 12 74 Powder fixed fire-extinguishing installation	S 12 75 Water fixed fire-extinguishing installation	S 12 76 CO ₂ fixed fire-extinguishing battery		
							
S 12 77 Nitrogen fixed fire-extinguishing battery	S 12 78 Foam fixed fire-extinguishing battery	S 12 79 Gas fixed fire-extinguishing battery	S 12 80 Powder fixed fire-extinguishing battery	S 12 81 Water fixed fire-extinguishing battery	S 12 82 CO ₂ fixed fire-extinguishing bottle, placed in protected area		

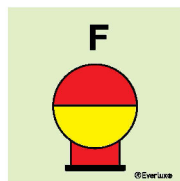
FIRE CONTROL PLAN SIGNS FOR SHIPBOARD USE (SIS)

IMO Fire Control Plan Signs - According to IMO Resolution A.1116 (30),
IMO Resolution A.952 (23), ISO 17631 and ISO 24409

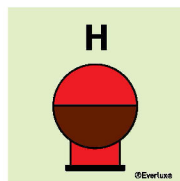
(mm)
150x150
200x200



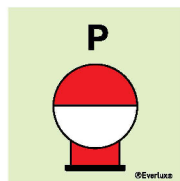
S 12 83
Nitrogen fixed
fire-extinguishing bottle,
placed in protected area



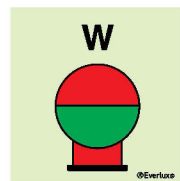
S 12 84
Foam fixed
fire-extinguishing bottle,
placed in protected area



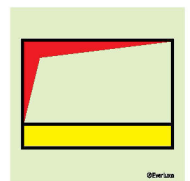
S 12 85
Gas fixed
fire-extinguishing bottle,
placed in protected area



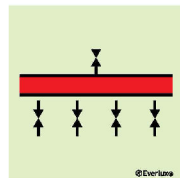
S 12 86
Powder fixed
fire-extinguishing bottle,
placed in protected area



S 12 87
Water fixed fire-
extinguishing bottle,
placed in protected area



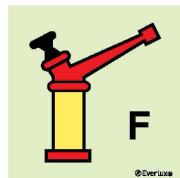
S 12 88
High-expansion-foam
supply trunk (outlet)



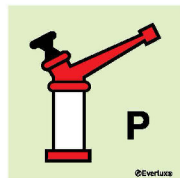
S 10 40
Water-spray-system
valves



S 10 65
Inert gas installation



S 12 91
Foam monitor



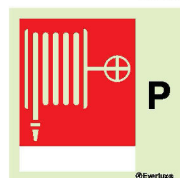
S 12 92
Powder monitor



S 12 93
Water monitor



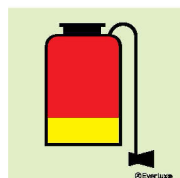
S 12 94
Foam fire hose and
nozzle



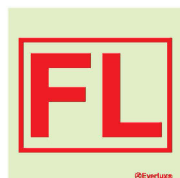
S 12 95
Powder fire hose and
nozzle



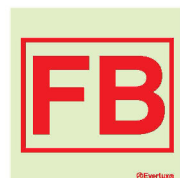
S 12 96
Water fire hose and
nozzle



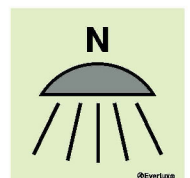
S 12 97
Portable foam applicator
unit or relevant spare
tank(s)



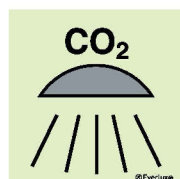
S 12 98
Fire locker



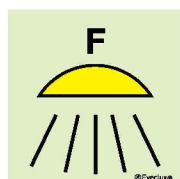
S 14 22
Fire blanket



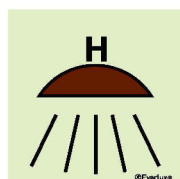
S 14 23
Spaces or group of
spaces protected by
Nitrogen fire-
extinguishing system



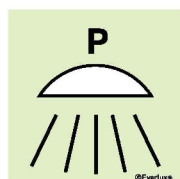
S 12 99
Spaces or group of
spaces protected by
CO₂ fire-extinguishing
system



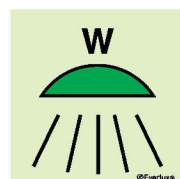
S 13 00
Spaces or group of
spaces protected by
foam fire-extinguishing
system



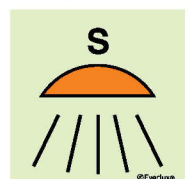
S 13 01
Spaces or group of
spaces protected by
gas fire-extinguishing
system



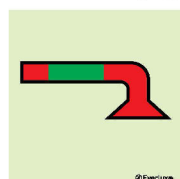
S 13 02
Spaces or group of spaces
protected by powder
fire-extinguishing system



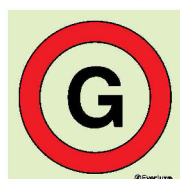
S 13 03
Spaces or group of
spaces protected by
water fire-extinguishing
system



S 13 04
Spaces or group of
spaces protected by
sprinkler or high pressure
fire-extinguishing system



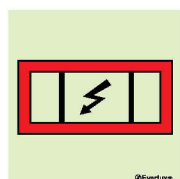
S 13 05
Water fog applicator



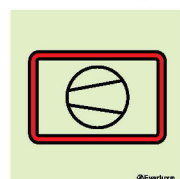
S 10 68
Emergency source of
electrical power
(generator)



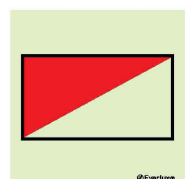
S 13 07
Emergency source of
electrical power (battery)



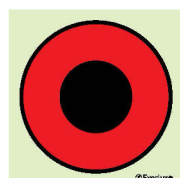
S 10 78
Emergency switchboard



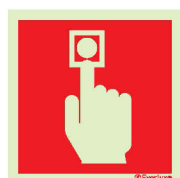
S 13 09
Air compressor for
breathing devices



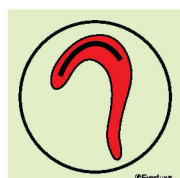
S 13 10
Control panel for fire
detection and alarm
system



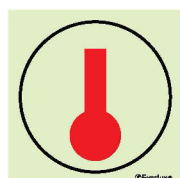
S 10 02
Push button/switch for
general alarm



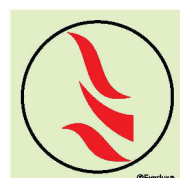
S 13 12
Manually operated call
point



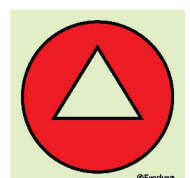
S 13 13
Space or group of spaces
monitored by smoke
detector(s)



S 10 82
Space or group of spaces
monitored by heat
detector(s)

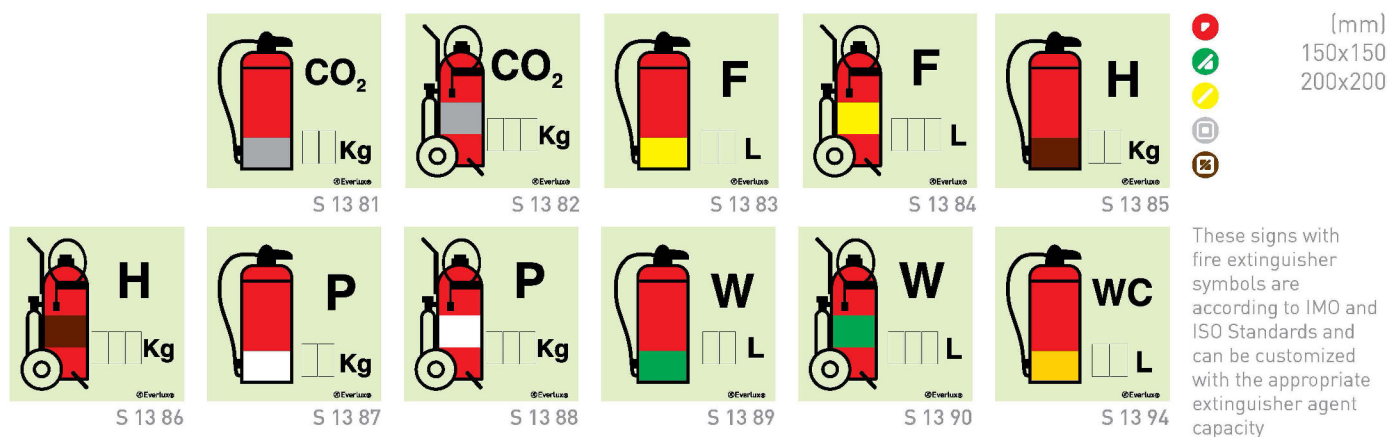
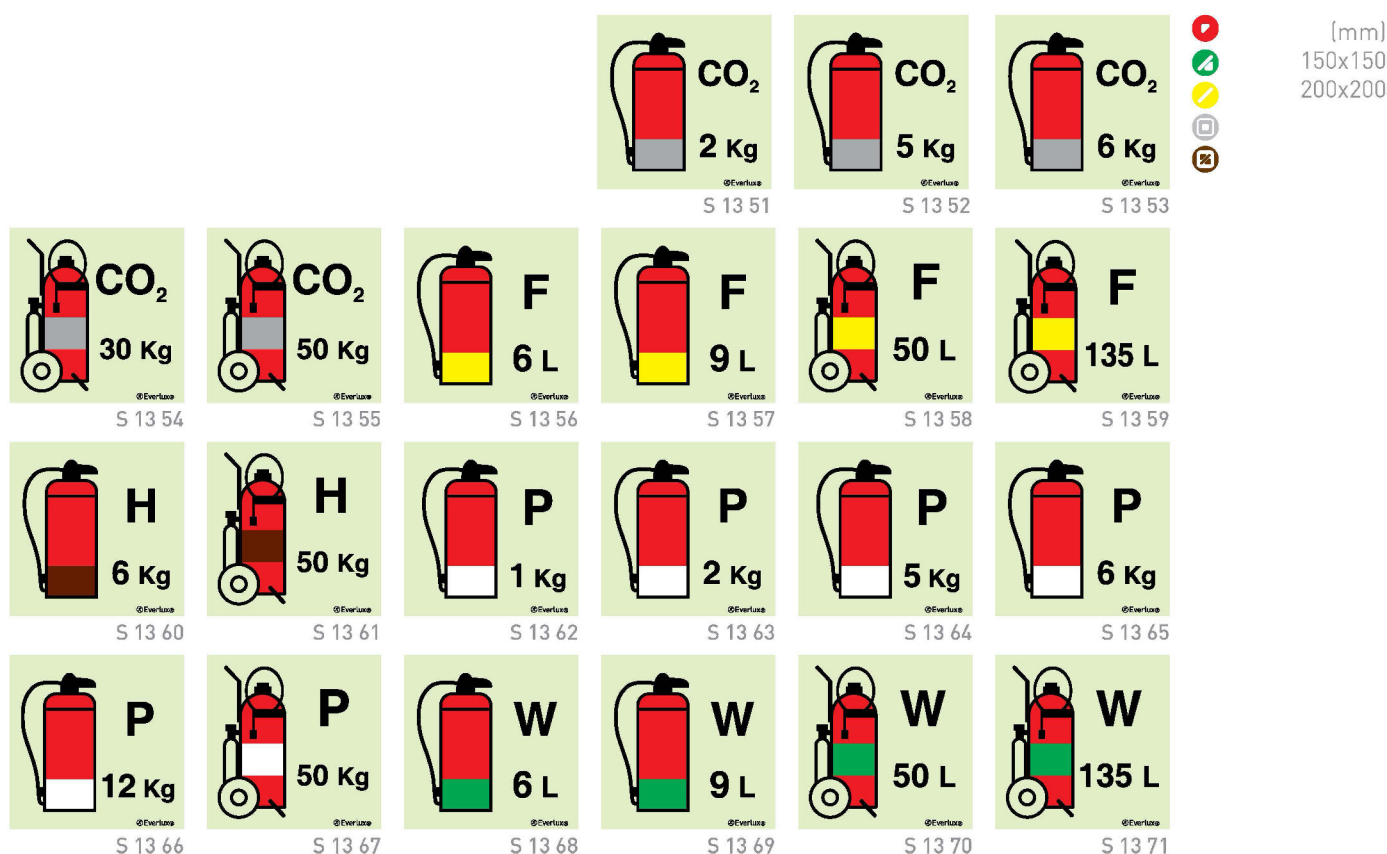


S 13 15
Space or group of spaces
monitored by flame
detector(s)



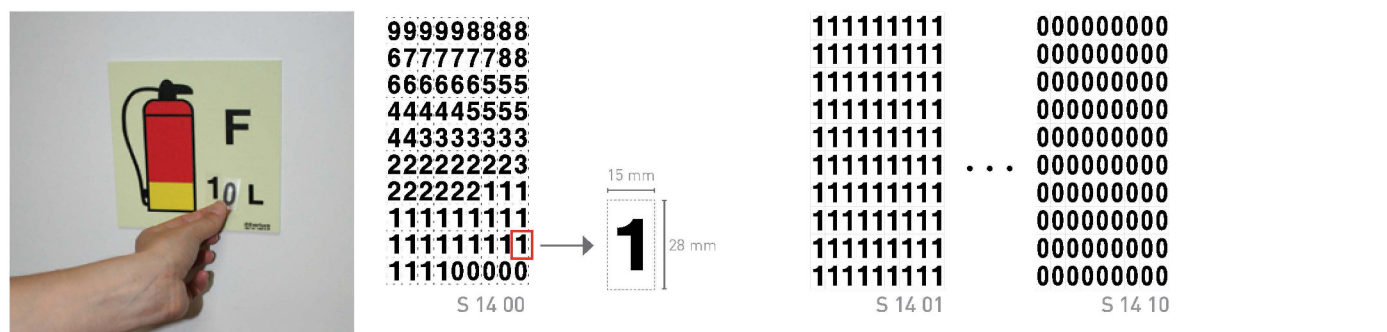
S 10 83
Space monitored by gas
detector(s)

IMO Fire Control Plan Signs - Fire Extinguisher Signs According to IMO Resolution A.952 and ISO 17631



These sheets are available 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.

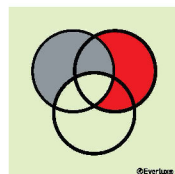
The multiple digit sheet contains the most commonly used numbers in greater quantities and should allow the identification of up to 24 fire extinguishers.



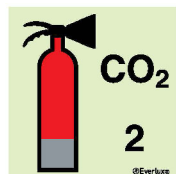
FIRE CONTROL PLAN SIGNS FOR SHIPBOARD USE (SIS)

Non-Standard IMO Fire Control Plan Signs

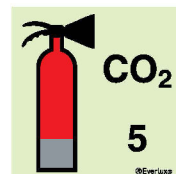
(mm)
150x150
200x200



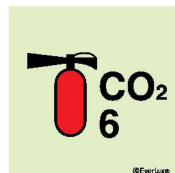
S 14 51



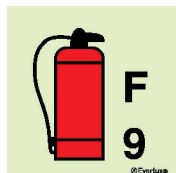
S 14 53



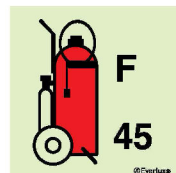
S 14 54



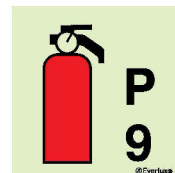
S 14 55



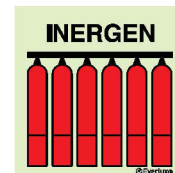
S 14 56



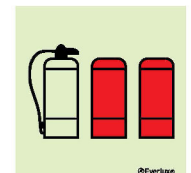
S 14 57



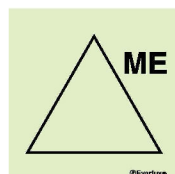
S 14 58



S 14 59



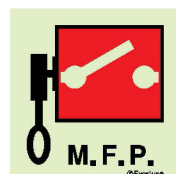
S 14 60



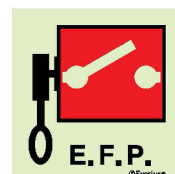
S 14 61



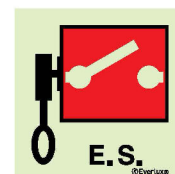
S 14 70



S 14 71



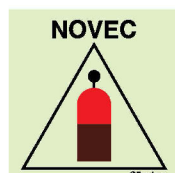
S 14 72



S 14 73



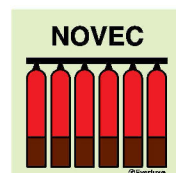
S 14 74



S 14 75



S 14 76



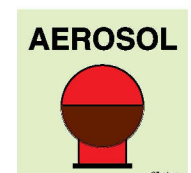
S 14 77



S 14 78



S 14 79



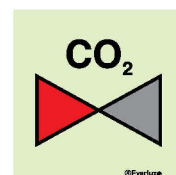
S 14 89



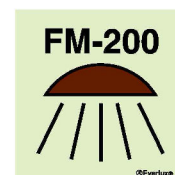
S 14 90



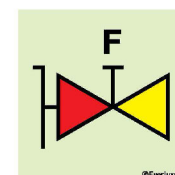
S 14 91



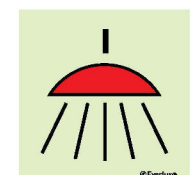
S 14 80



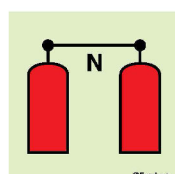
S 14 81



S 14 82



S 14 83



S 14 84



S 14 85



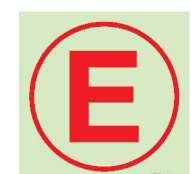
S 14 86



S 14 87



S 14 88



S 14 92

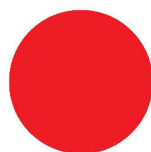
Labels for Emergency Lights

(mm)
Diam. 30

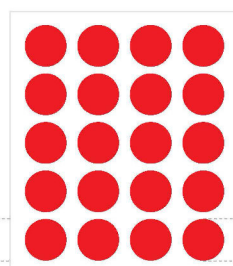
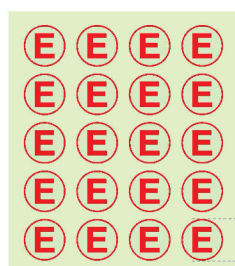
Available in
sheets of 10
and 20 labels.



S 14 95



(*) S 14 96



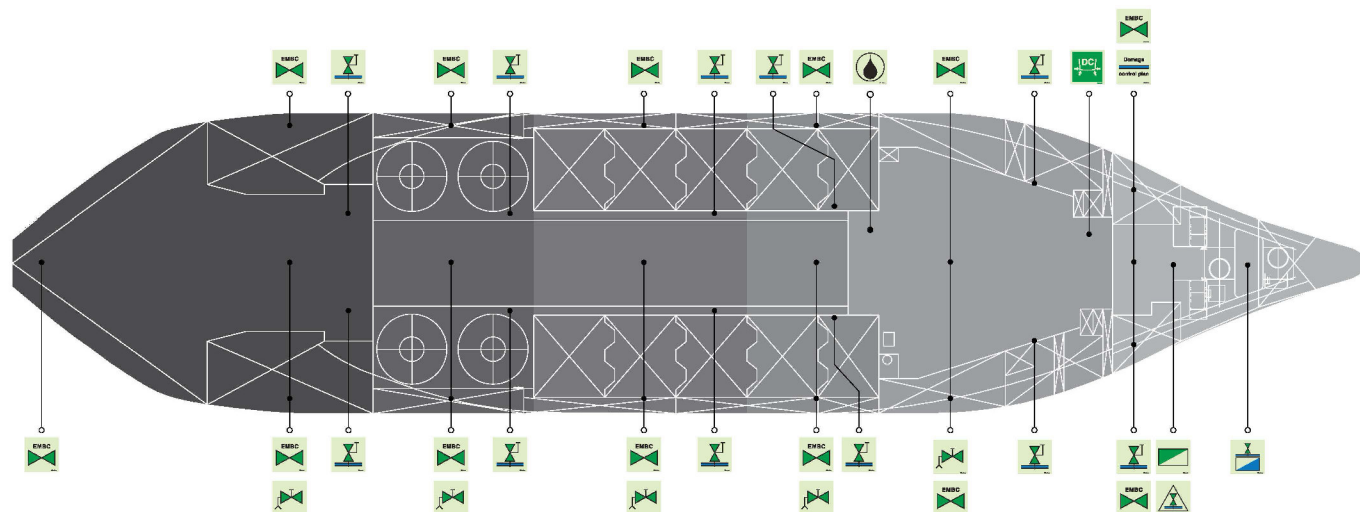
Diam.30mm

(*) Item code
S 14 96 is only
available in non-
luminescent self-
adhesive vinyl.

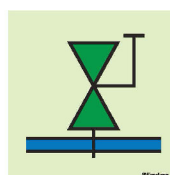
Damage Control Plan Signs

According to MSC.1/Cir 1245, the Damage Control Plans should be permanently exhibited or readily available:

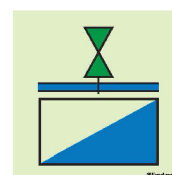
- For passenger ships - on the navigation bridge, as well as in the ship's control station, safety centre or equivalent and;
- For cargo ships - on the navigation bridge, in the cargo control room, all ship's office or other suitable location.



S 15 01
Damage control plan



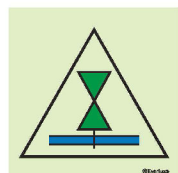
S 15 02
Bulkhead manual valve/valve with mechanical remote control



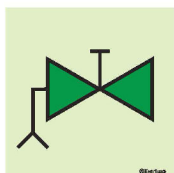
S 15 03
Bulkhead valve control panel (compartment valves) (black, grey water)



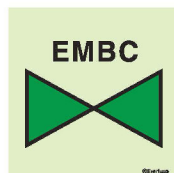
(mm)
150x150
200x200



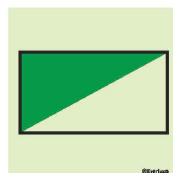
S 15 04
Watertight partition valves remote control indicator panel



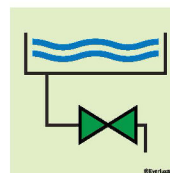
S 15 05
Manually operated emergency bilge suction valve



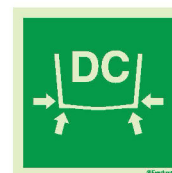
S 15 06
Manually operated valve



S 15 07
Water valves control panel



S 15 08
Swimming pool quick draining valve



S 15 09
Damage control locker

Ship Oil Pollution Emergency Plan (Resolution MEP 54(32) amended by MEPC 84(44))



S 15 21
Ship Oil Pollution Emergency Plan

(mm)
150x150
200x200

LOW LOCATION LIGHTING

Low Location Lighting System



The spreading of smoke is one of the most dangerous consequences of a fire rendering evacuation difficult and in some cases impossible. Under these conditions, visibility is reduced causing panic and increasing the evacuation time which is a critical factor in avoiding intoxication which can lead to death.

The **Everlux®** Low Location Lighting (LLL) system is a unique system that allows all evacuation routes to stay illuminated, thereby communicating a clear, continuous and unambiguous “means of escape” message which leads to a safe place. The locations of fire fighting equipment are also clearly marked as part of the system along the escape routes.

This LLL system is unique in providing consistent and regular information throughout the complete escape route. This reduces possible confusion and panic, factors that hamper the safe egress from occupied areas.

According to IMO Resolution A. 752 [18] all means of egress must be marked with Low Location Lighting system at all points of the evacuation route. The LLL system is also recommended by ISO Standards, namely ISO 15370.



The illustration below depicts a complete safety signage system installed on board:

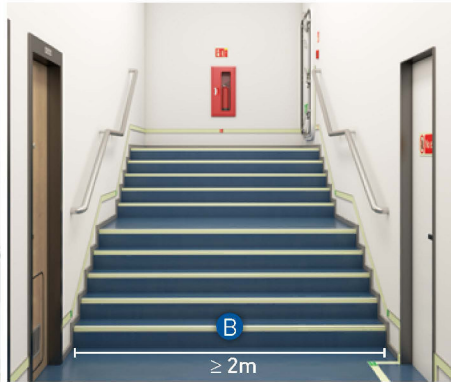
- A** - Photoluminescent signs installed at a high location level (above 2m) are to be visible and identified from further distances.
- B** - Photoluminescent signs installed at an intermediate location level. Per ISO 24409 fire-fighting equipment signs shall be installed either directly on the fire-fighting equipment or as close as practicable.
Recommended range for signs with text providing information and/or instructions to the user.
- C** - Photoluminescent signs at a low location level (within 30cm from deck according to SOLAS 2004 Chapter II Regulation 13.3.3.5 and ISO 15370): a sign system that illuminates the entire escape route and identifies the location of fire fighting equipment at floor level.

Examples

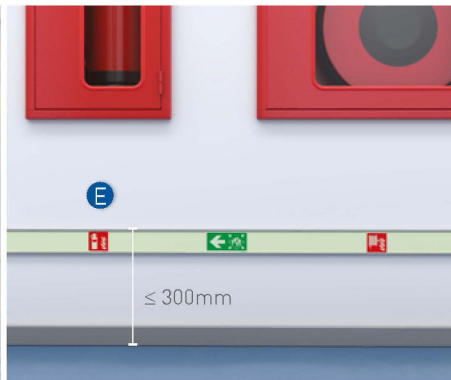
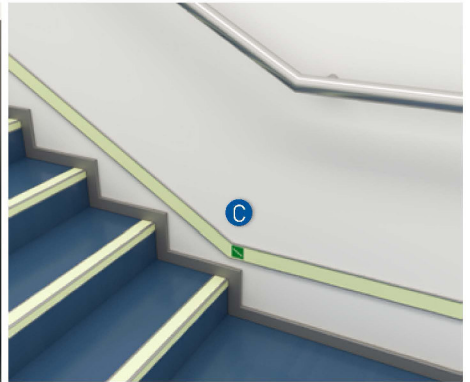
Escape doors should be signed as illustrated.



Stairwells and corridors which are 2m wide or wider should be fitted with LLL photoluminescent strips on both sides.



Photoluminescent directional signs must be placed at each change of level.



No exit signs must be posted on doors that are not part of the escape route.

According to Solas 2004 Chapter II Regulation 13.3.3.5 and IMO Resolution A.752 (18) photoluminescent marking strips must be placed not more than 30cm above the deck at all points of the escape route.

Directional escape route signs complement the continuous photoluminescent strip installed in aluminium rail.

Normative and Legal Framework, Technical Performances and Properties

Guidance systems at floor level (Low Location Lighting) began with legislation covering the areas of greatest risk. Firstly in aviation with FAA in 1984 and then in the maritime industry with IMO Regulations in 1989. Since 1999, following the development of new photoluminescent technologies, other authorities have begun the process of standardising these systems.

IMPORTANT STANDARDS	IMO Resolution A.752 (18)	Guidelines for the evaluation, testing and application of low-location lighting on passenger ships
	SOLAS Convention 2004	Means of escape - Marking of escape routes
	European Directive 2014/90/EU	Safety rules and standards for passenger ships
	ISO 15370	Low Location Lighting (LLL) on passenger ships
	ISO 16069	SWGS - Safety Way Guidance Systems
	ISO 3864	Graphical symbols - safety colours and safety signs

Ⓢ Everlux® Low Location Lighting Strip and Sign System:

The strip and sign system can be mounted directly to walls using the Ⓢ Everlux® adhesive or with the aluminium frames.

According to IMO A.752 (18) this system shall be positioned in the following way, throughout the escape routes:

- Where a corridor has a width of 2m or more the guidance line shall be applied continuously on both sides of the corridor.
- Where the width is less than 2m, one guidance line may be sufficient and should be as continuous as possible on the side where the fire fighting equipment is located. If there is no fire fighting equipment the strips should be applied continuously on the side that leads to the door handle.
- The strips should not be installed more than 300mm above deck.

Strip and Sign System for Floors and Stairs:

The strip and sign system can be placed directly onto floors and stairs using the integral high adherence adhesive. Simply remove the backing material and position accurately.

Luminance Properties			
Applicable Resolutions and Standards/ Product	Luminance Intensity (mcd/m ²) (After removing the exciting light)		Period of Light Decay
	10 minutes	60 minutes	Luminance Intensity greater than a 0.3 mcd/ m ²
IMO Resolution A.752(18) a)	15 mcd/m ²	2.0 mcd/m ²	...
ISO 15370 a)	15 mcd/m ²	2.0 mcd/m ²	...
Ⓢ Everlux® a)	57 mcd/m²	10.7 mcd/m²	3000 minutes
Ⓢ Everlux®-LLL b)	80 mcd/m²	10 mcd/m²	1000 minutes

a) Values obtained with a stimulation of only 25 lux, during 24 hours with a fluorescent lamp with colour temperature of 4000K, according to ISO 15370 measurement protocol.

b) Values obtained with a stimulation of only 25 lux, during 15 minutes with a fluorescent lamp with colour temperature of 6500K, according to ISO 16069 measurement protocol.

All signs have a high photoluminescent intensity which is achieved with as little as a 25 lux charge from an ambient light source

Base Materials:

Signs and strips for wall mounting: Photoluminescent rigid plastic 1.2mm thick; photoluminescent self-adhesive vinyl;

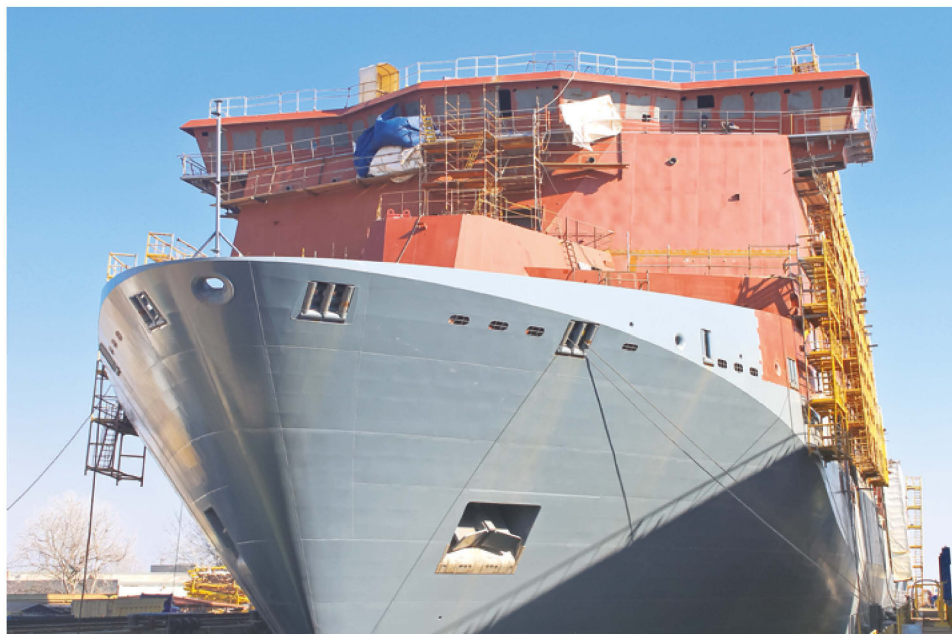
Signs and strips for floors and stairs: Photoluminescent non-slip self-adhesive polycarbonate 0.62mm thick;

Transparent vinyl signs are also available to complement the Ⓢ Everlux® Low Location Lighting system.

Printing: Serigraphy, high gloss paint with a high UV resistance.

Chemical Characteristics: Non-phosphorous, non-radioactive, lead-free and non-poisonous.

Turnkey Safety Signage Projects



Ⓢ **Everlux**® adopts an integrative approach to every safety signage project the company is involved with, from project development through installation and commissioning. When hiring Ⓢ **Everlux**® for a turnkey safety signage project, customers benefit from a high quality on time service which includes on-board and remote surveys, life-safety and fire control plan and Low Location Lighting project development using the Ⓢ **Everlux**® Project maritime tool, supply, installation, on-board luminance measurements, project management, documentation and delivery.

The Ⓢ **Everlux**® turnkey safety signage project service is the ideal solution for owners, shipyards or marine outfitters who are involved with new-build or major refurbishment on vessels or oil rigs.

Photoluminescent Low Location Lighting System Inspections and Measurement Service

Ⓢ **Everlux**® has the Approval as Service Supplier by DNV for Low Location Lighting luminance measurements. Our technicians are available worldwide to help you meet the classification bodies' requirements in a fast and cost-effective way.

The inspection and measurement reports on LLL systems are mandatory according to IMO Resolution A.752 [18], adopted on 4 November 1993. These guidelines cover the approval, installation and maintenance of low location lighting (LLL) required by regulations II-2/28, paragraph 1.10 and II-2/41-2, paragraph 4.7 of the 1974 SOLAS Convention, as amended, on all passenger ships carrying more than 36 passengers, to readily identify the passengers' route of escape when the normal emergency lighting is less effective due to smoke.

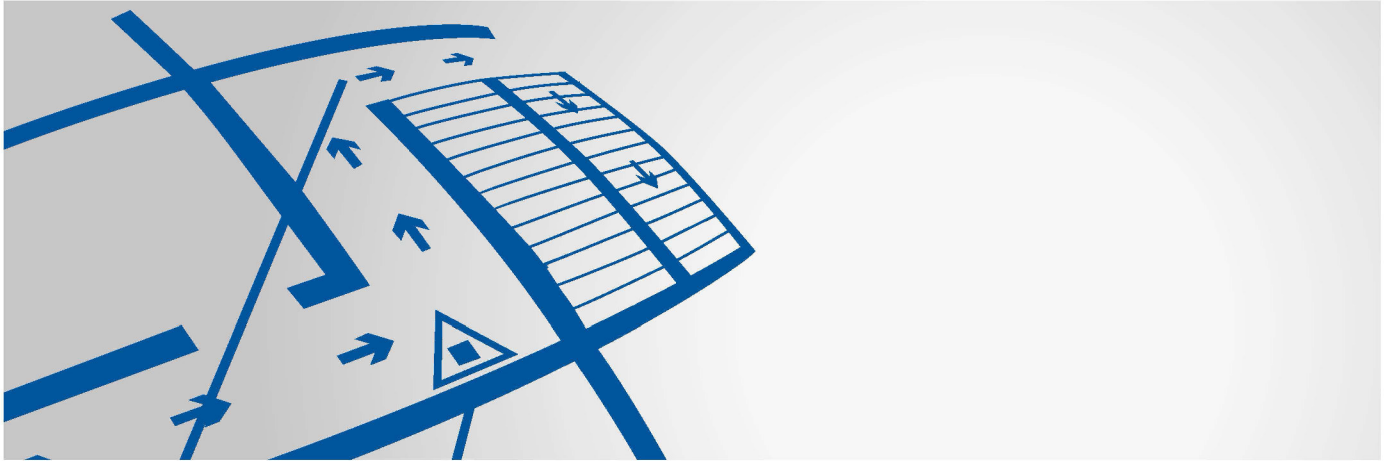
According to IMO Resolution A.752 [18], chapter 9, a maintenance of LLL systems should be visually examined and checked once a week and a record kept. All missing, damaged or inoperable LLL components should be replaced.

All LLL systems should have their luminance tested at least once every five years.

Readings should be taken on site. If the luminance for a particular reading does not meet the requirements, additional readings shall be taken. The readings shall be taken adjacent to the location of the non-compliant readings. The installation is acceptable when the spacing of the non-compliant readings does not exceed 2 m. Otherwise, the LLL component shall be replaced or the illumination increased to meet the requirements.



For detailed information on the Ⓢ **Everlux**® turnkey safety signage project service or on the mandatory requirements, inspection and measurement reports of photoluminescent LLL systems, please contact us at commercial@everluxmaritime.com.



④ **Everlux®** project maritime is a software support tool for the development of safety signage and Low Location Lighting (LLL) projects and respective bill of quantities. This tool facilitates the most adequate selection of safety signs and provides installation companies with the right technical documentation to assure that the safety signs that are projected will be installed onboard simultaneously reducing the installation time.

④ **Everlux®** project maritime is available in two different versions: version 3.0 and version 3.0i. In terms of hardware both versions can be used with 64 bit processors. The 3.0 version works on AutoCAD (post 2012 versions except AutoCAD LT) and after its installation will automatically generate a tool bar with the ④ **Everlux®** project maritime menu.

The 3.0i version is an independent application that allows the use of image files (type *.dxf; *.jpg; *.bmp; *.png) as the basis for the safety signage project.

④ **Everlux®** project maritime is available for free download at: www.everluxmaritime.com/en/downloads

AutoCAD Symbols for Fire & Safety Control Plans





AUTOCAD SYMBOLS FOR FIRE & SAFETY CONTROL PLANS

IMO Resolution A.1116 [30] - Escape Route Signs and Equipment Location Markings is now in force. This recent resolution introduced graphical changes to shipboard safety signs to allow for an easier understanding of the signs by crews and passengers. These new signs have been available in the Everlux catalogue and the Everlux website ever since ISO 24409 was published.

In addition to its safety signs, Everlux is now providing a file with AutoCAD blocks with the graphical symbols compliant with IMO Resolution A.1116 [30]. This is particularly useful for shipyards and naval architects involved in the development of Fire & Safety Control Plans.

The AutoCAD file with the IMO Resolution A.1116 [30] is available free of charge. If you are interested in receiving it, please e-mail us at commercial@everluxmaritime.com or contact us via our website www.everluxmaritime.com.

Signs for Wall Marking at Floor Level

The signs featured in this page can be supplied in photoluminescent rigid plastic, self-adhesive photoluminescent vinyl and transparent self-adhesive vinyl. The transparent self-adhesive vinyl signs are a quick solution to complement Low Location Lighting systems by applying them directly on to the photoluminescent strips.



[mm]
107x57
158x83



[mm]
57x57
83x83



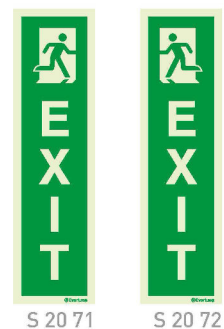
[mm]
57x57
83x83
[*]75x57
[*]110x83



[mm]
107x57
158x83



[mm]
107x57
158x83



[mm]
57x200
83x300

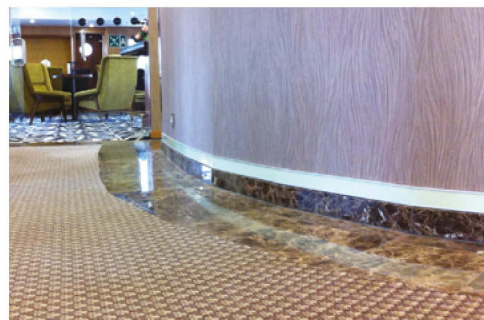
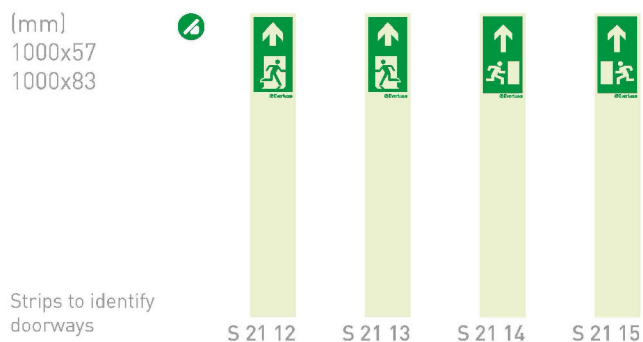
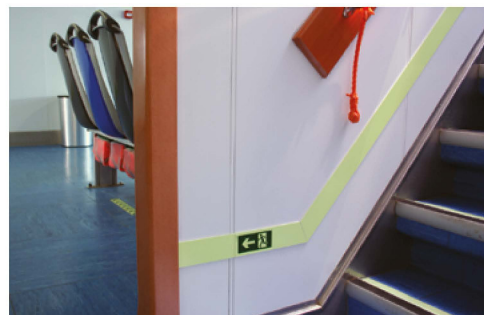
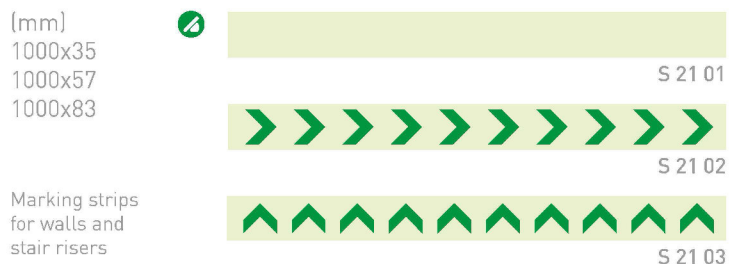
Available in photoluminescent rigid plastic and non-slip self-adhesive polycarbonate.



[mm]
200x40

LOW LOCATION LIGHTING

Strips for Wall Marking at Floor Level



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

Aluminium rail to be used in conjunction with Everlux strips for wall marking in exit routes.

(*) Only available in this size

Material: Rail: Extruded and anodized aluminium profile

Tamper-proof rail cap: polypropylene

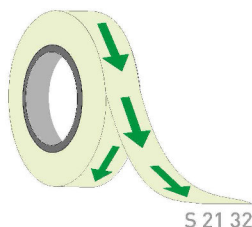
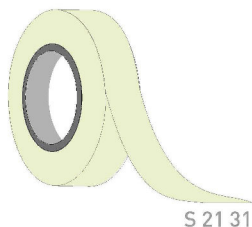


Rolls for Wall Marking

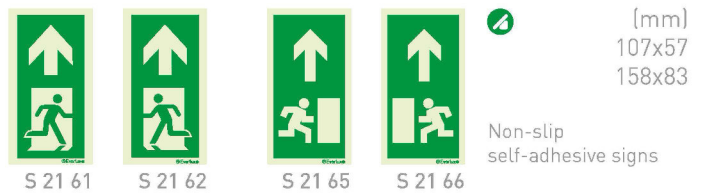
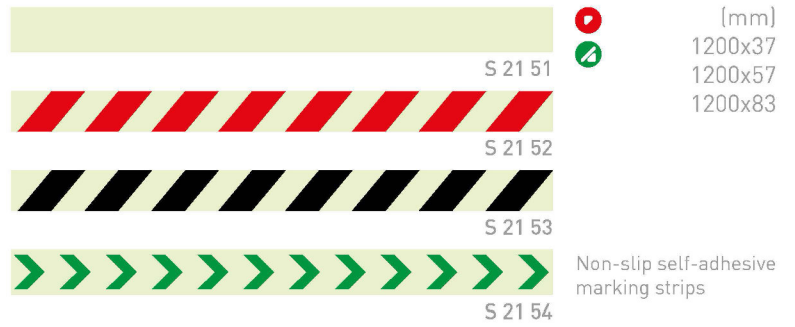
length (m)
10

The **Everlux®** photoluminescent vinyl rolls can be used in wall mounted LLL systems and are the ideal solution for applications in irregular or rounded walls. This product can also be used for emergency equipment marking and handrail identification.

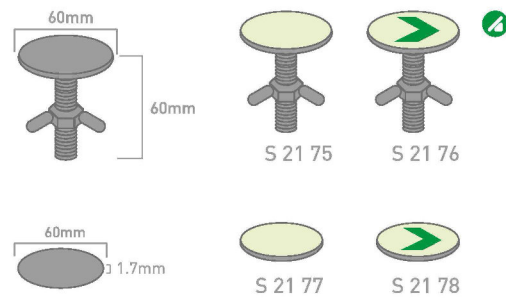
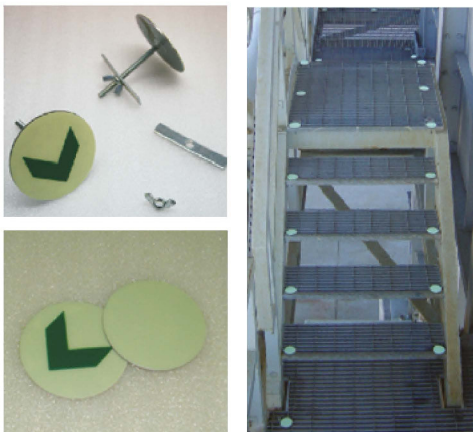
width (mm)
35
57
83



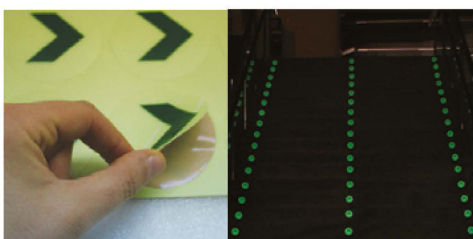
System for Floor and Stair Marking



Everlux®-LLL Discs



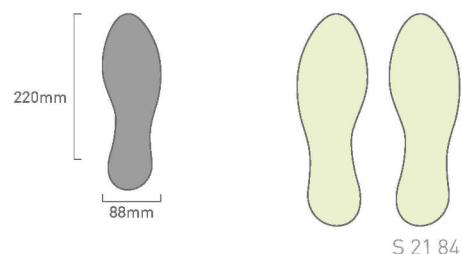
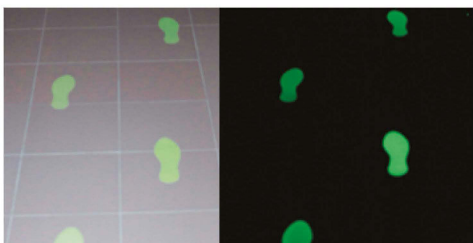
Ø60 – 1 box of 12 units



Ø40 – 1 sheet of 16 units
Ø60 – 1 sheet of 18 units
Ø100 – supplied by the unit

Everlux®-LLL Footprint Silhouettes

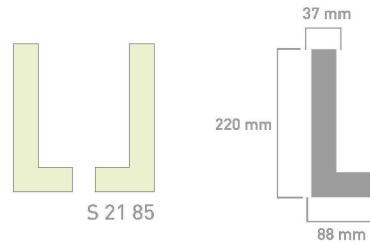
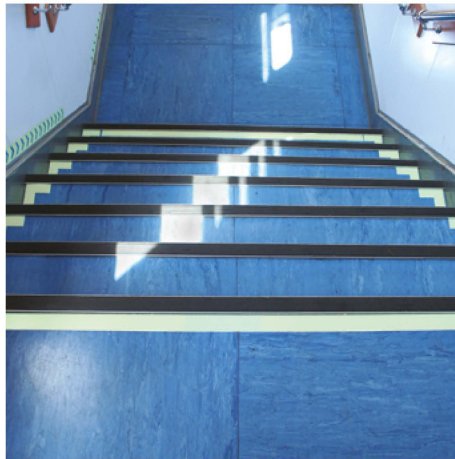
Photoluminescent footprint silhouettes are ideal for indicating the direction and outline of evacuation routes. Available in left and right silhouettes to be used alternately,  Everlux®-LLL Footprint Silhouettes are made from self-adhesive, anti-slip polycarbonate which is only 0.03mm thick.



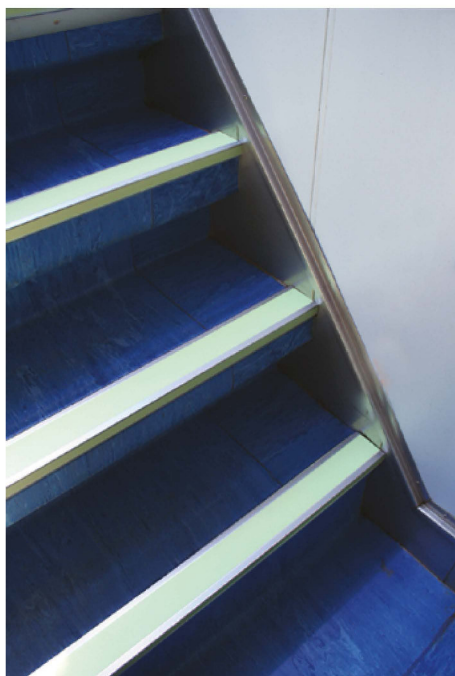
Non-Slip Self-Adhesive “L” for Stairs

Designed to mark the edges of the steps. Supplied in sheets of 4 units (two signs per step)

In every flight of steps, the limits of the first and the final steps should be fully signed. You should use the strips code S 21 51



Stairnosing - Protection for Steps



Aluminium framework developed for stair nosing protection. This product has anti-slip properties, even in situations where oil has been spilt, due to the grooves featured over the whole surface.

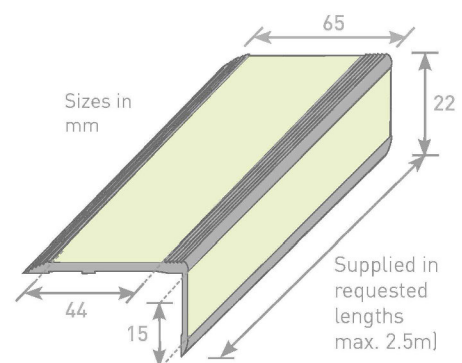
On the upper and front parts there are **Everlux®-LLL** photoluminescent polycarbonate strips which also have anti-slip properties. These allow the perfect identification of the edge of the steps during a descending or ascending evacuation.

Properties

Materials: Aluminium and **Everlux®-LLL** in 0.62mm thick polycarbonate.

Sizes: Please refer to the technical drawings.

The **Everlux®** protection for steps is supplied with double-sided high adherence adhesive which allows an easy application.



Join the frame at two points, as in scheme 1, then rotate towards the riser until it is firmly adhered (scheme 2).

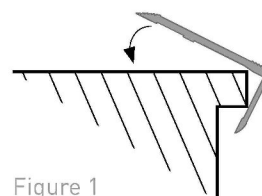


Figure 1

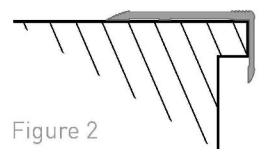
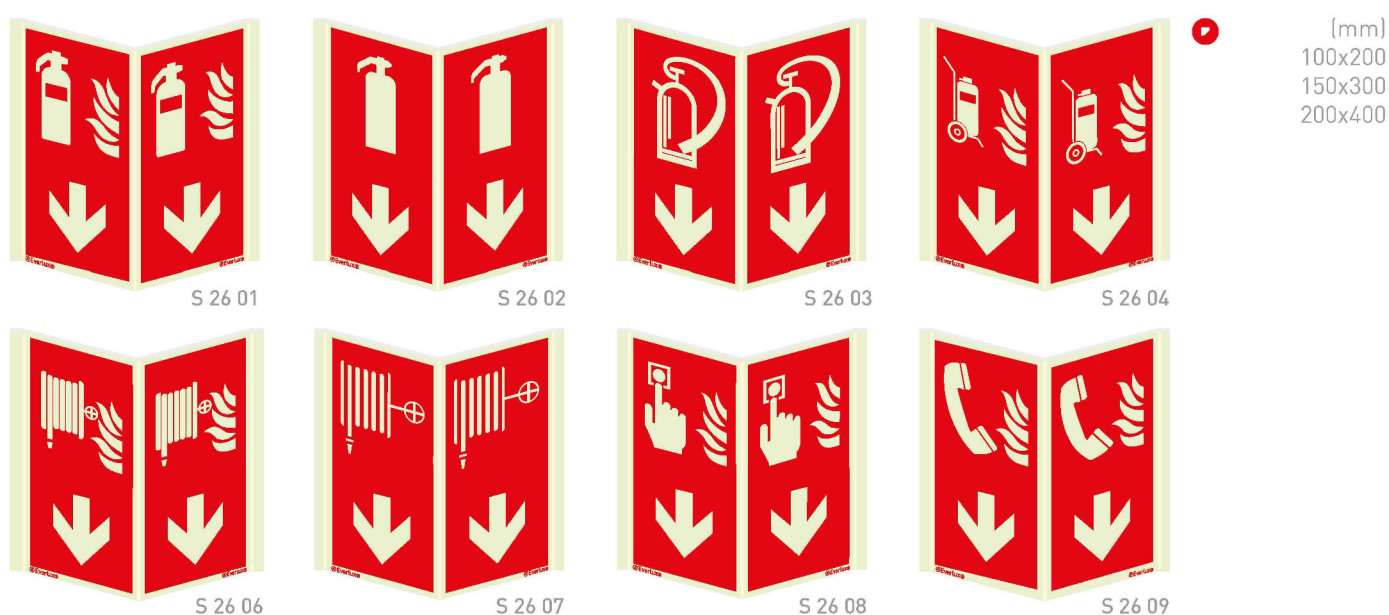


Figure 2

Protection for steps

S 21 90

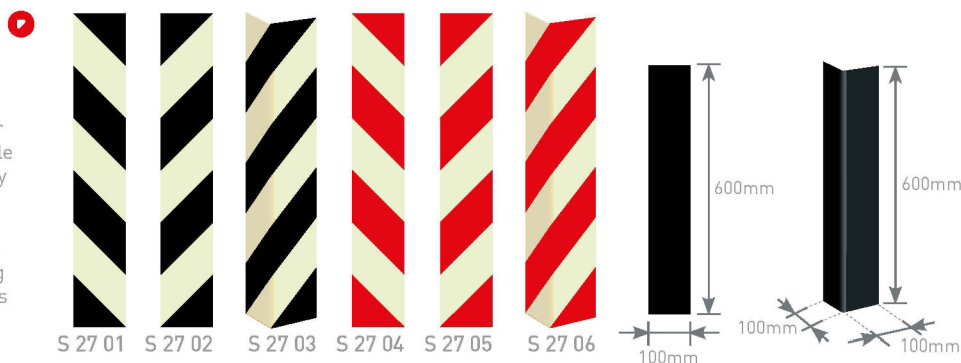
Fire-fighting Equipment, Emergency Equipment and Evacuation Signs



MARKING STRIPS

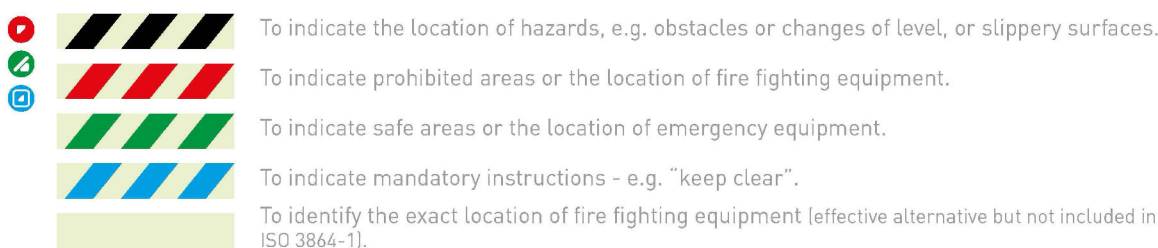
Photoluminescent Marking Strips to Sign Dangerous Areas

Recommended for areas where people circulate. Specially for the signing of machines, pillars, corners, low-level fixed or protruding objects, dangerous areas, etc

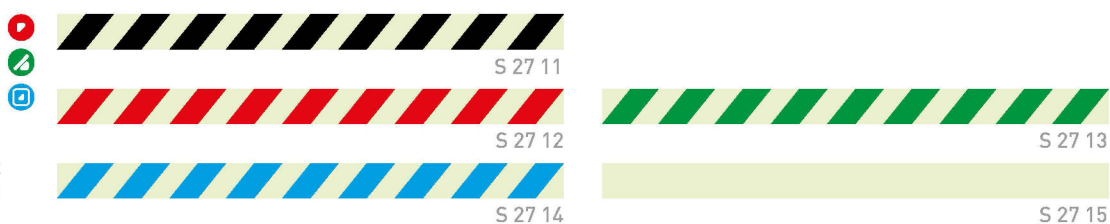


To Highlight Obstacles, Dangerous Places and Safe Areas

As referenced in ISO 24409-1, ISO 384-1 specifies the following colour combinations for the layout of safety markings:



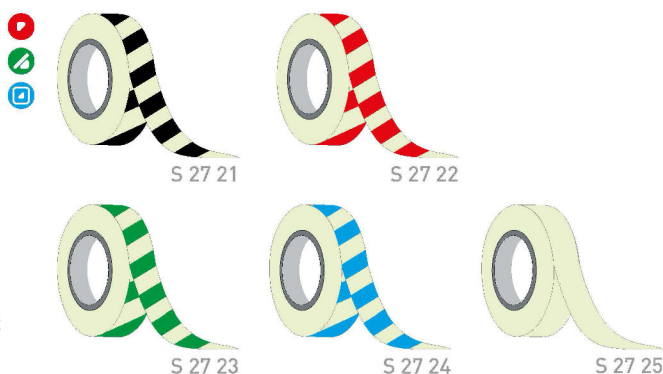
(mm)
1000x35
1000x57
1000x83



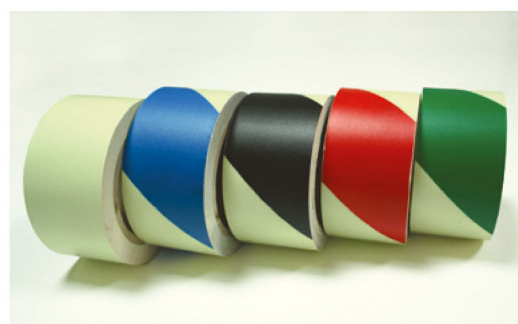
Photoluminescent rigid plastic strips

length (m)
10

width (mm)
35
57
83

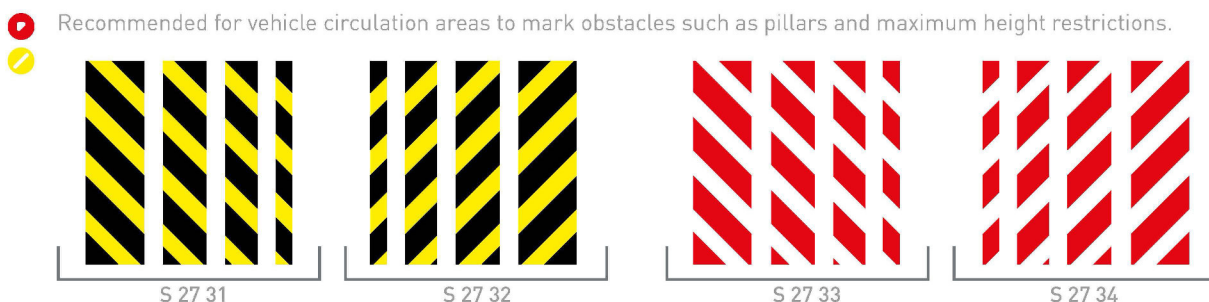


Photoluminescent self adhesive vinyl



Self-adhesive reflective hazard warning strips to sign obstacles

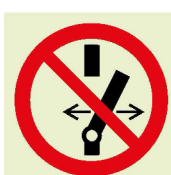
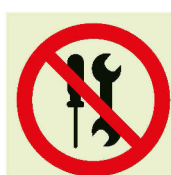
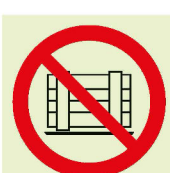
(mm)
680x50
680x100
680x150
680x200



Recommended for vehicle circulation areas to mark obstacles such as pillars and maximum height restrictions.

Signs to Prohibit Dangerous Actions



					(mm) 100x100 150x150 200x200 (*)300x300
(*) S 38 01	S 38 11	(*) S 38 02	S 38 12	(*) S 38 03	
					
S 38 04	S 38 05	S 38 06	S 38 07	S 38 08	S 38 09
					
S 38 10	S 39 01	S 39 02	S 39 03	S 39 04	S 39 05
					
S 39 06	S 39 07	S 39 08	S 39 09	S 39 10	S 39 11
					
S 39 12	(*) S 39 13	S 39 14	S 39 15	S 39 16	S 39 17
					
S 39 18	S 39 19	S 39 20	S 39 21	S 39 22	S 39 23

⊘ PROHIBITION SIGNS (PSS)

Signs to Prohibit Dangerous Actions

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

[*] Also available
in this size



[*] S 38 51



S 38 52



S 38 53



S 38 54



S 38 77



S 38 55



S 38 56



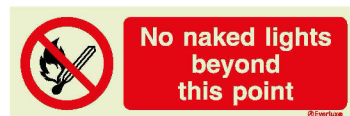
S 38 57



S 38 73



S 38 74



S 38 75



S 38 79



[*] S 38 58



[*] S 38 59



S 38 80



S 38 81



S 38 82



S 38 83



S 38 84



S 38 85



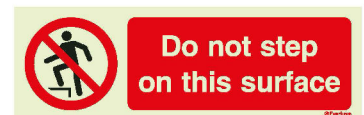
S 38 86



S 38 87



S 38 88



S 38 89



S 38 90



S 38 91



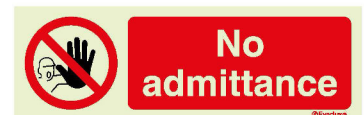
S 38 60



S 38 61



S 38 62



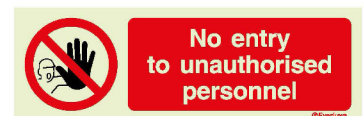
S 38 63



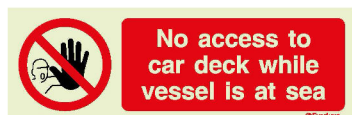
S 38 64



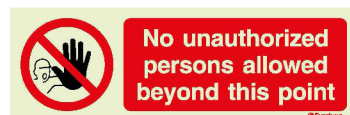
S 38 65



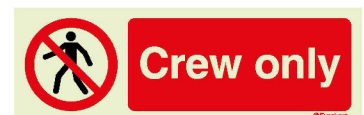
S 38 66



S 38 67



S 38 68



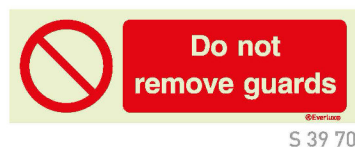
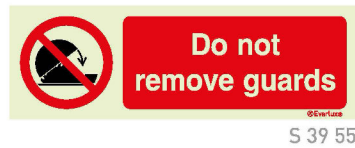
S 38 69

Prohibiting
dangerous behaviour
limits potential risks

Signs to Prohibit Dangerous Actions



ⓘ
[mm]
300x100
400x150



Prohibiting dangerous behaviour limits potential risks

⊘ PROHIBITION SIGNS (PSS)

ISPS Code Prohibition Signs



(mm)
300x100
400x150



S 39 81



S 39 82



S 39 72



S 39 73



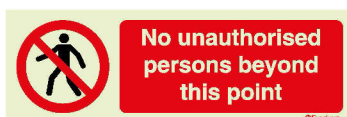
S 39 74



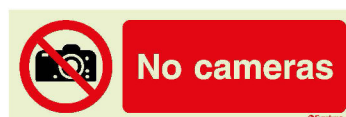
S 39 75



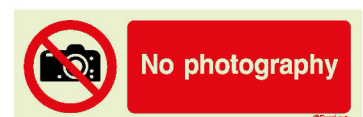
S 39 76



S 39 77



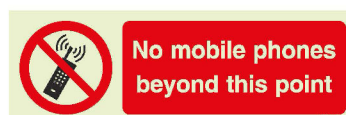
S 39 78



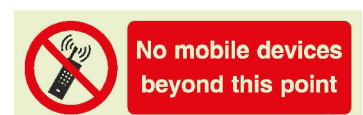
S 39 83



S 39 79



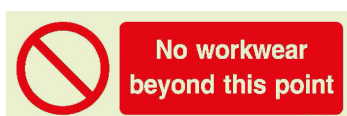
S 39 40



S 39 41

Deck and Engine Room Prohibition Sign

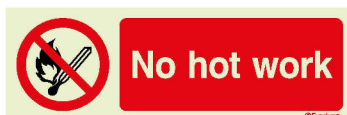
(mm)
300x100
400x150



S 39 91



S 39 65



S 38 57



S 38 65



S 39 95

Galley Prohibition Signs



Accommodation Prohibition Signs

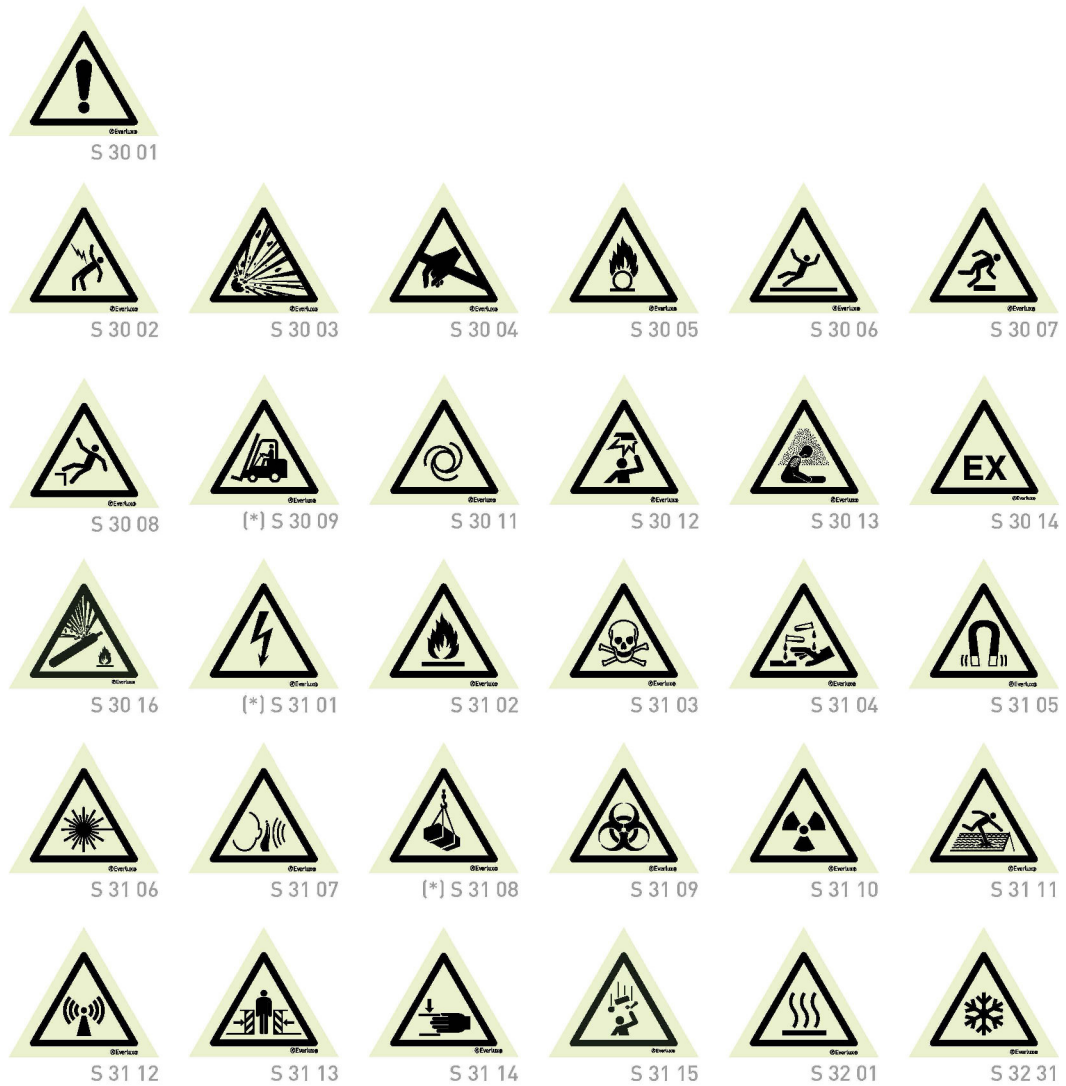


General Warning Signs



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

(*) Also available in
this size



General Warning Signs

 Danger S 30 51	 Danger Unmanned machinery space machinery may start without warning S 30 52	 Danger Battery charging S 30 53	 Danger Low oxygen level S 30 54
 Danger You are entering a CO ₂ protected area S 30 55	 Danger Moving machinery S 30 56	 Danger Under maintenance S 30 57	 Danger Overhead working S 30 58
 Danger Men working below S 30 60	 Warning Hazards S 30 89	 Warning Hazardous area S 30 61	 Warning Hazardous substances S 30 20
 Warning Isolate before removing guards S 30 62	 Danger Dust hazard S 30 63	 Danger Asbestos S 30 64	 Danger Solvents S 30 65
 Danger Beware of trucks S 30 86	 Danger Lift well S 30 87	 Danger No escape S 30 88	 Warning Motor starts and stops automatically S 30 66
 Warning Pressurized cylinder S 30 21	 Caution S 30 22	 Caution Vehicles S 30 67	 Caution Exhaust fumes S 30 68
 Caution Steep stairway use handrails S 30 69	 Danger Hot surface S 30 70	 Danger Hot S 30 71	 Warning Overhead hazard S 30 23
 Caution Out of order S 30 59	 Warning Beware of moving vehicles S 30 24	 Danger of death S 30 72	 Danger Petroleum vapour S 30 73
 Danger Explosion risk S 30 74	 Caution Explosion gases S 30 75	 Danger Explosive material S 30 76	 Danger Compressed gases S 30 77
 Danger Compressed oxygen S 30 78	 Danger Explosive atmosphere S 30 25	 Caution Slip hazard S 30 79	 Caution Wet deck S 30 80
 Caution Slippery surface S 30 81	 Caution Deck may be slippery when wet S 30 26	 Caution Trip hazard S 30 82	 Caution Mind the step S 30 83
 Danger Uneven surface S 30 84	 Warning Mind your head S 30 85	 Caution Low overhead clearance S 30 27	 Warning Forklift truck in operation S 30 28
 Warning Automatic start-up S 30 29	 Warning Overhead load S 30 30	 Warning Stand clear of suspended load S 30 31	 Warning Deep step S 30 90
 Warning Floor-level obstacle S 30 32	 Danger Risk of falling S 30 33	 Warning Drop S 30 34	 Warning Sudden drop S 30 35

(mm)
300x100
400x150

HAZARD WARNING SIGNS (WSS)

General Warning Signs

(mm)
300x100
400x150

 Danger High voltage S 31 51	 Danger Electrical hazard S 31 52	 Danger Electrical shock risk S 31 53	 Danger Static electricity S 31 54
 Danger 110 volts S 31 55	 Danger 115 volts S 31 56	 Danger 230 volts S 30 36	 Danger 240 volts S 31 57
 Danger 220 volts S 31 58	 Danger 380 volts S 31 59	 Danger 440 volts S 31 60	 Danger 3300 volts S 31 61
 Danger 6600 volts S 31 62	 Danger Live terminal S 31 63	 Danger Live wires S 31 64	 Danger Electrocution risk S 31 67
 Danger Flammable liquid S 31 65	 Danger Highly flammable material S 31 66	 Danger Fire risk S 31 67	 Danger Highly flammable gases S 31 68
 Danger Flammable atmosphere S 31 69	 Danger L. P. G. Flammable S 31 70	 Danger Low flash point S 31 71	 Danger Toxic S 31 72
 Danger Chlorine S 31 73	 Danger Harmful vapours S 31 74	 Danger Harmful chemicals S 31 75	 Danger Cyanide S 31 76
 Toxic Fumes S 31 88	 Toxic Gases S 31 89	 Danger Toxic vapours S 31 90	 Danger Acid S 31 77
 Danger Battery acid S 31 78	 Danger Corrosive substance S 31 79	 Danger Caustic S 31 80	 Sulphuric acid S 31 91
 Hydrochloric acid S 31 92	 Nitric acid S 31 93	 Caustic S 31 94	 High risk S 31 95
 Hazard Group 1 S 31 96	 Hazard Group 2 S 31 97	 Hazard Group 3 S 31 98	 Warning Asphyxiating atmosphere S 32 02
 Laser beam S 31 99	 Caution S 32 00	 Caution Noise S 31 81	 Caution Radiation risk S 31 82
 Danger Ionizing radiation S 31 83	 Danger Biological hazard S 31 84	 Danger of infection S 31 85	 Caution Non-ionizing radiation S 31 86

Deck, Engine Room and Galley Warning Signs

				[mm] 300x100 400x150

Accommodation Warning Signs

			[mm] 300x100 400x150

				[mm] 73x200

These signs are only available in white rigid plastic and white self-adhesive vinyl

MANDATORY ACTION SIGNS (MSS)

Fire and Watertight Door Signs

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



S 34 00



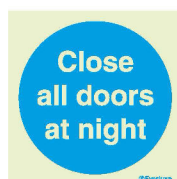
(*),(**) Also available in this size



S 34 01



S 34 02



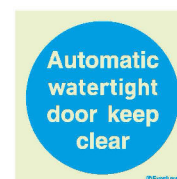
S 34 03



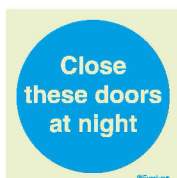
S 34 04



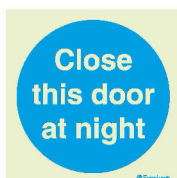
S 34 05



S 34 06



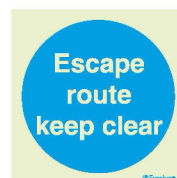
S 34 07



S 34 08



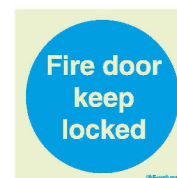
S 34 09



S 34 10



S 34 11



S 34 12



S 34 13



(*) S 34 14



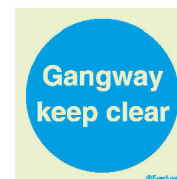
(**) S 34 15



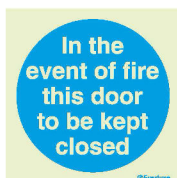
(**) S 34 16



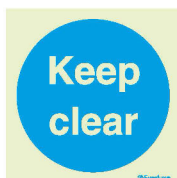
(**) S 34 17



S 34 18



S 34 19



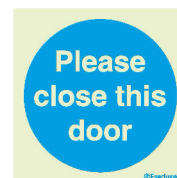
(**) S 34 20



S 34 21



S 34 22



S 34 23



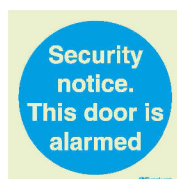
S 34 24



S 34 25



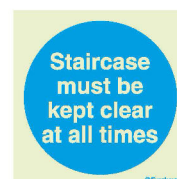
S 34 26



S 34 27



S 34 28



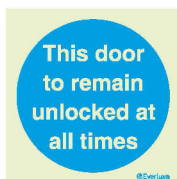
(**) S 34 29



S 34 30



S 34 31



S 34 32



S 34 33



S 34 34



S 34 35



S 34 36



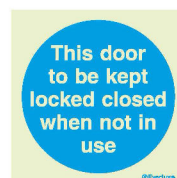
S 34 37



S 34 38



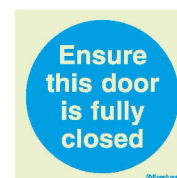
S 34 40



S 34 41



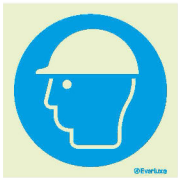
S 34 42



S 34 43

To prevent the obstruction of escape routes, mandatory signs should be permanently fixed on all fire and watertight doors.

Personal Protective Equipment Signs

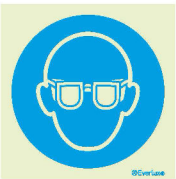


(*) S 35 01



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

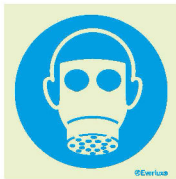
(*) Also available in
this size



(*) S 35 02



(*) S 35 03



(*) S 35 04



(*) S 35 05



(*) S 35 06



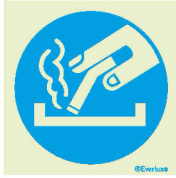
(*) S 35 07



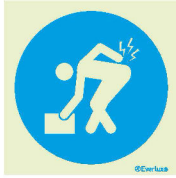
S 35 08



S 35 09



S 35 10



S 35 11



S 35 12



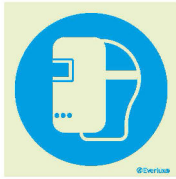
(*) S 35 13



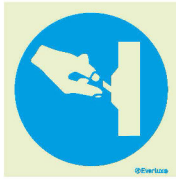
S 35 14



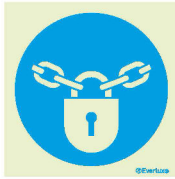
(*) S 35 15



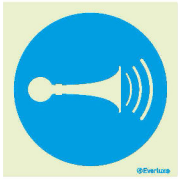
(*) S 35 16



S 35 17



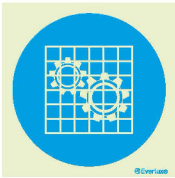
(*) S 35 18



S 35 19



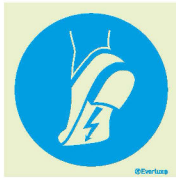
S 35 20



S 35 21



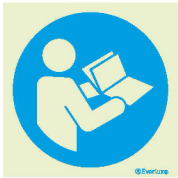
S 35 22



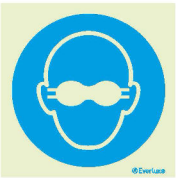
S 35 23



S 35 24



S 35 25



S 35 26



S 35 27



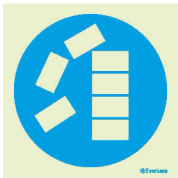
S 35 28



S 35 29



S 35 30



S 35 31



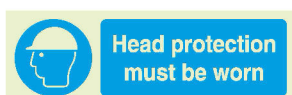
S 35 32

❗ MANDATORY ACTION SIGNS (MSS)

Personal Protective Equipment Signs

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

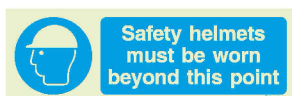
[*] Also available in this size



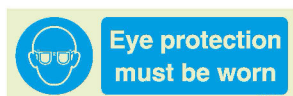
[*] S 35 51



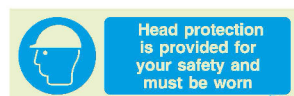
S 35 52



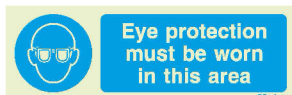
S 35 35



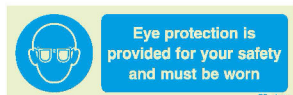
[*] S 35 53



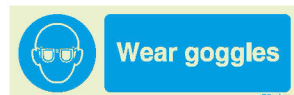
S 35 36



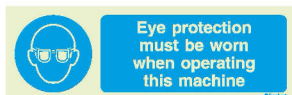
[*] S 35 54



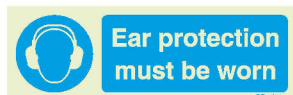
[*] S 35 60



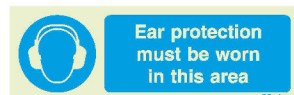
[*] S 35 61



S 35 37



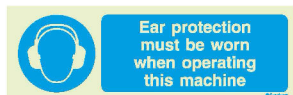
[*] S 35 55



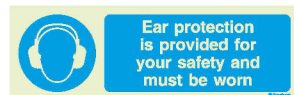
[*] S 35 62



[*] S 35 63



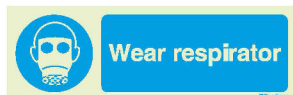
S 35 38



S 35 39



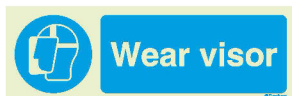
S 35 56



[*] S 35 64



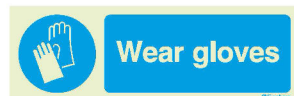
[*] S 35 57



S 35 40



[*] S 35 58



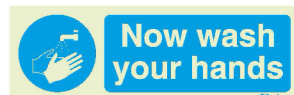
S 35 65



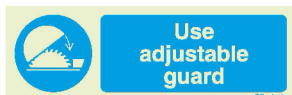
[*] S 35 59



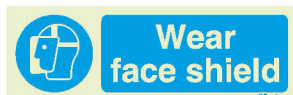
[*] S 35 66



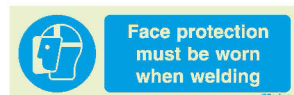
S 35 71



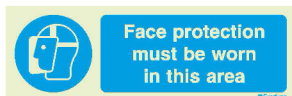
S 35 72



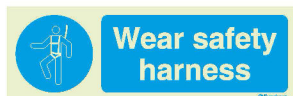
S 35 73



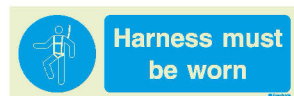
S 35 86



S 35 87



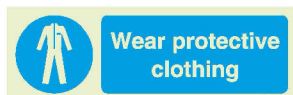
S 35 74



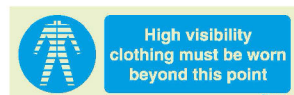
S 35 41



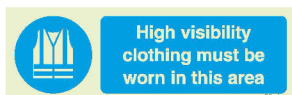
S 35 75



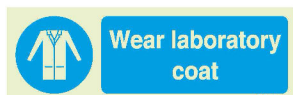
[*] S 35 76



S 35 77



S 35 42



S 35 78



[*] S 35 79



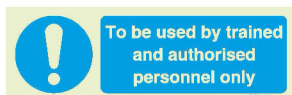
S 35 80



[*] S 35 81



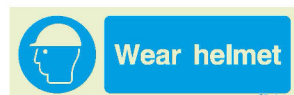
S 35 82



S 35 83



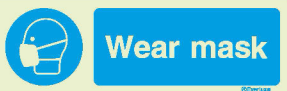
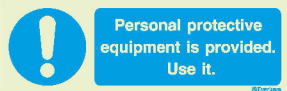
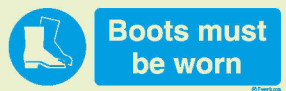
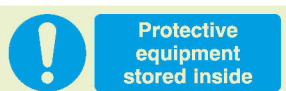
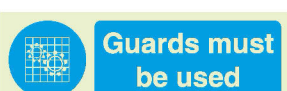
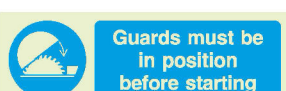
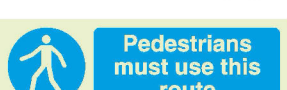
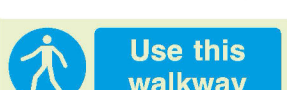
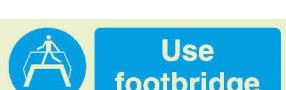
S 35 88



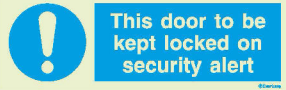
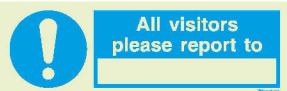
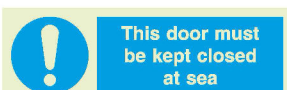
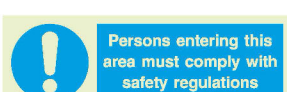
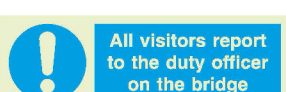
S 35 67

To ensure the correct use of protective wear, mandatory signs must be used. Mandatory actions must be marked with mandatory signs

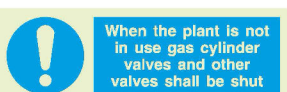
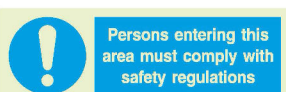
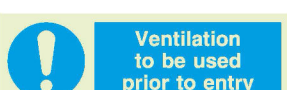
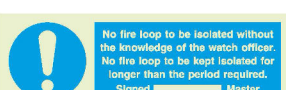
Personal Protective Equipment Signs

 S 35 68	 S 35 69	 [*] S 35 70	 [mm] 300x100 400x150 [*]600x200 [*] Also available in this size
 S 35 43	 S 35 89	 S 35 90	
 S 35 91	 S 35 84	 S 35 92	
 S 35 85	 S 35 44	 S 35 45	
 S 35 46	 S 35 47	 S 35 48	

ISPS Code Mandatory Signs

		 S 36 01	 [mm] 300x100 400x150
 S 36 02	 S 36 03	 S 36 04	
 S 36 05	 S 36 06	 S 36 07	
 S 36 08	 S 36 16	 S 36 10	

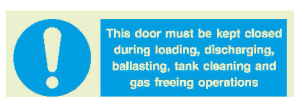
Deck and Engine Room Mandatory Signs

	 S 36 11	 S 36 12	 [mm] 300x100 400x150
 S 36 13	 S 36 14	 S 36 16	
 S 36 17	 S 36 18	 S 36 19	

MANDATORY ACTION SIGNS (MSS)

Deck and Engine Room Mandatory Signs

(mm)
300x100
400x150



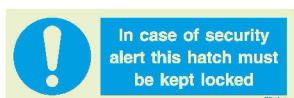
S 36 20



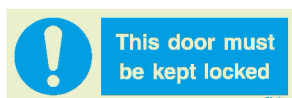
S 36 21



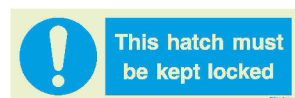
S 36 22



S 35 93



S 35 94



S 35 95



S 35 96



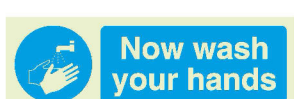
S 35 97



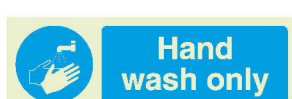
S 35 98

Galley Mandatory Signs

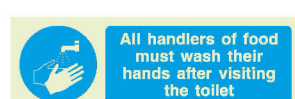
(mm)
300x100
400x150
600x200



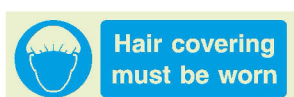
S 35 71



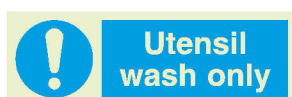
S 36 42



S 36 55



S 36 46



S 36 43



S 36 44



S 36 45



S 36 47



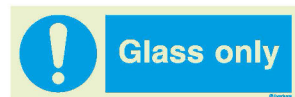
S 36 48



S 36 49



S 36 50



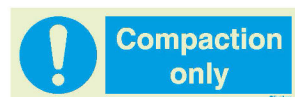
S 36 51



S 36 52



S 36 53



S 36 54



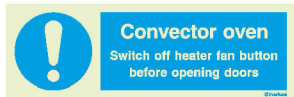
S 36 56



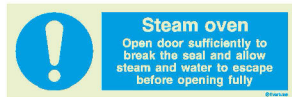
S 36 57



S 36 58



S 36 59



S 36 60



S 36 61



S 36 62



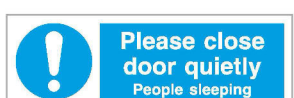
S 36 63



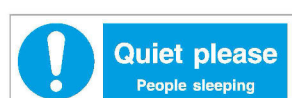
S 36 64

Accommodation Signs

(mm)
300x100
400x150
600x200



S 36 81

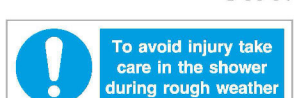


S 36 82



S 36 83

These signs are only available in white rigid plastic and white self-adhesive vinyl.



S 36 84

Multiple Signage with Combined Hazard, Mandatory and Prohibited Action Instructions

[mm]
300x200



S 40 51



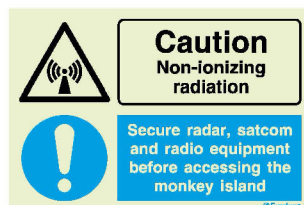
S 40 52



S 40 53



S 40 54



S 40 55



S 40 56



S 40 57



S 40 58



S 40 59



S 40 60



S 40 61



S 40 62



S 40 63



S 40 64



S 40 65



S 40 66



S 40 67



S 40 68



S 40 69



S 40 70

MULTIPURPOSE COMBINATION SIGNS

Multiple Signage with Combined Hazard, Mandatory and Prohibited Action Instructions

(mm)
300x400



S 40 71



S 40 72

(mm)
300x300



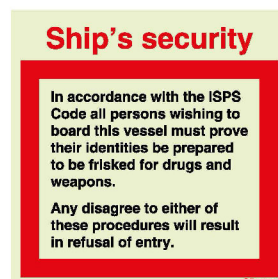
S 40 73



S 40 74



S 40 75



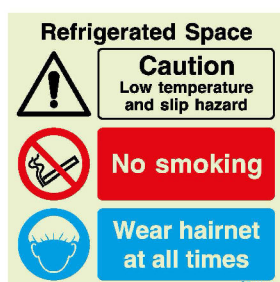
S 40 76

Multiple Signage for Danger, Prohibition and Obligation

(mm)
300x300



S 40 81



S 41 01

Multiple Signage for Danger, Prohibition and Obligation



S 41 02



S 41 03



S 41 04



S 41 05



S 41 06



S 41 07



S 41 08



S 41 09



S 41 10



S 41 11



S 41 12



S 41 13



S 41 15

[mm]
300x300

[mm]
400x600

Safety Signs Scording to the ICAO and IMO Document 9636

(mm)
150x150
200x200
300x300
400x400



The ICAO and IMO joint publication Document 9636 specifies the signs to provide guidance information to persons at airports and marine terminals.
The "First Aid", "No Smoking", "No Entry/No trespassing" and "Carry no weapons on board" signs should be designed according to the colours specified in Section II of this publication whilst the colours of general information signs can be decided by national or local authorities keeping in mind that readability is of the foremost importance.



S 42 01



S 42 02



S 42 03



S 42 04

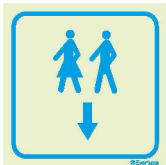
(mm)
150x150
200x200
300x300
400x400



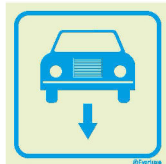
S 42 51



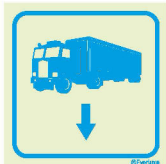
S 42 52



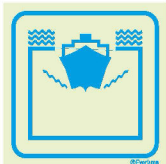
S 42 53



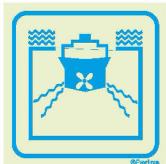
S 42 54



S 42 55



S 42 56



S 42 57



S 42 58



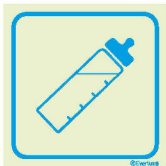
S 42 59



S 42 60



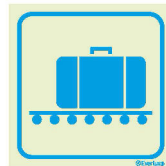
S 42 61



S 42 62



S 42 63



S 42 64



S 42 65



S 42 66



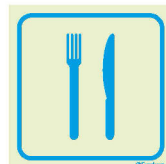
S 42 67



S 42 68



S 42 69



S 42 70



S 42 71



S 42 72



S 42 73



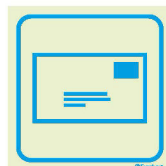
S 42 74



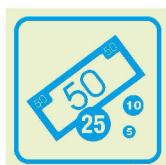
S 42 75



S 42 76



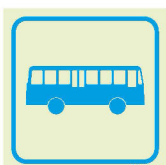
S 42 77



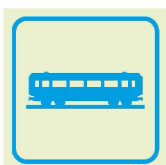
S 42 78



S 42 79



S 42 80



S 42 81



S 42 82



S 42 83



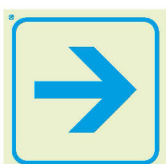
S 42 84



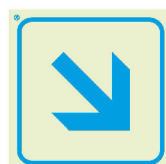
S 42 85



S 42 86



S 42 87



S 42 88



S 42 89

Security Level Signs

The  Everlux® Security Level signs are available in a photoluminescent magnetic finish. This is the ideal solution to secure adhesion to all suitable metallic surfaces. The magnetic finish also allows for the quick and easy change of security level indicator. The selling unit of this product is comprised of 4 components.



(mm)
200x180



S 42 10



S 42 11



S 42 12



S 42 13



(mm)
200x100

Crew Only Access



S 42 20



(mm)
300x200

Ultra-Destructible Seals



S 42 25



(mm)
150x30
300x30



S 42 26



S 42 27

Only available in non-photoluminescent ultra-destructible self-adhesive vinyl. Detailed technical sheet available on request.

ISPS Compliant Notices

[mm]
900x450



THIS SHIP COMPLIES WITH THE **I.M.O. ISPS CODE**



STRICT SECURITY MEASURES & PROCEDURES ARE ENFORCED
NO OFFENSIVE WEAPONS ALLOWED

VISITORS WILL BE MET ON DECK AND MUST REGISTER ONBOARD WITH
A PHOTOGRAPHIC IDENTIFICATION DOCUMENT AND MAY BE SUBJECT
TO PERSONAL OR BAGGAGE SEARCHES

YOUR CO-OPERATION IS EXPECTED IN COMPLIANCE WITH MARITIME
SECURITY REQUIREMENTS

THE MASTER

S 42 30

[mm]
300x200



RESTRICTED AREA **AUTHORIZED** **PERSONNEL ONLY**

UNAUTHORIZED PRESENCE WITHIN THIS AREA
CONSTITUTES A BREACH OF SECURITY

©Everlane

S 42 31

CCTV Signs

[mm]
150x150[*]
200x300[**]



[*] [**] Only
available in this size



[**] S 42 40



[*] S 42 41



[*] S 42 42

[mm]
300x100



©Everlane

S 42 43