
Everlux®
Photoluminescent maritime safety signs

Introduction

Technical properties of photoluminescent safety signs

Quality, Standards & Certification:
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.
Everlux® photoluminescent safety signs comply with IMO Resolutions, Solas Convention and ISO Standards.
Everlux® products have Type Approval by Lloyd's Register and are MED certified by DNV.

Technical Properties:

Luminance properties			
Applicable Standards and Resolutions/ product Everlux	Luminescent intensity (mcd/m2) (After removing the exciting light)		Period of light decay
	10 minutes	60 minutes	Luminance Intensity greater than a 0.32 mcd/ m²
DIN 67 510 -4	23 mcd/m²	3 mcd/m²	...
IMO Res. A.752(18)	15 mcd/m²	2 mcd/m²	...
ISO 15370	15 mcd/m²	2 mcd/m²	...
Everlux® (a)	100 mcd/m²	10 mcd/m²	1200 minutes
Everlux® (b)	40 mcd/m²	8 mcd/m²	1800 minutes

a) According to DIN 67510 measurement protocol;
b) According to ISO 15370 measurement protocol.

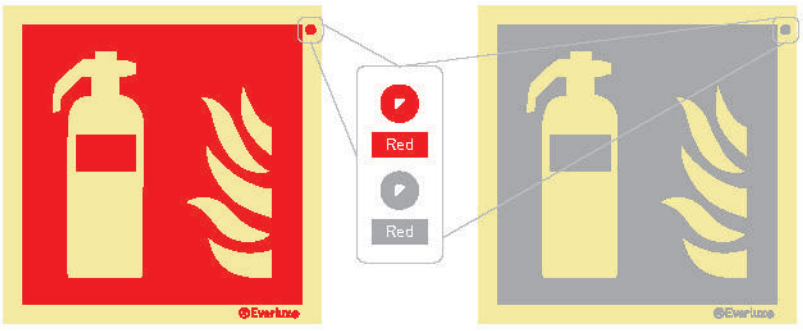
Photoluminescent signs: Photoluminescent rigid plastic 1.2 ± 0.1mm thickness and self-adhesive photoluminescent vinyl.
Printing: Serigraphy, high quality gloss paint with UV resistance and an indoor durability in excess of 5 years.
Fire resistance: Flame retardant according to IEC 60092-101: 2002 and IMO FTPC Part 5 (IMO Res. A.653(16)).
Surface: Antistatic and easy to clean.
Chemical characteristics: Non-radioactive, non-phosphorous, lead-free and non-poisonous.

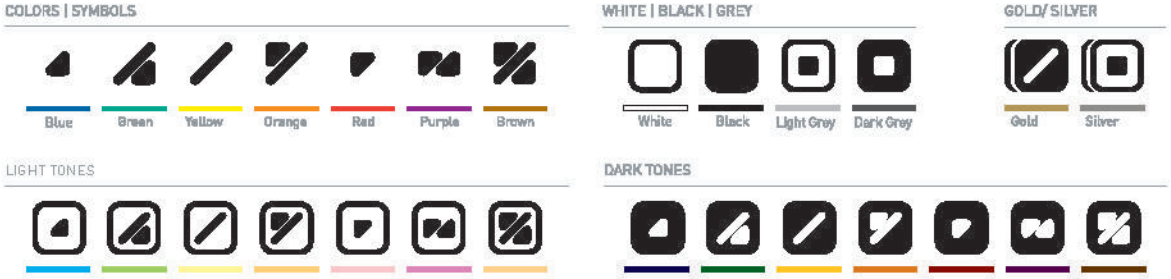
Safety signage is a language comprised of pictorial graphics, shapes and colors.

Color should be for everyone!
... and because colors are determinant in safety signs, 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 Everlux® catalogue allows colorblind people to fully comprehend all the components of safety signs.





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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 05). 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 vynil; 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.

(*)Example:

S 03 75

(mm)
300x100
400x120

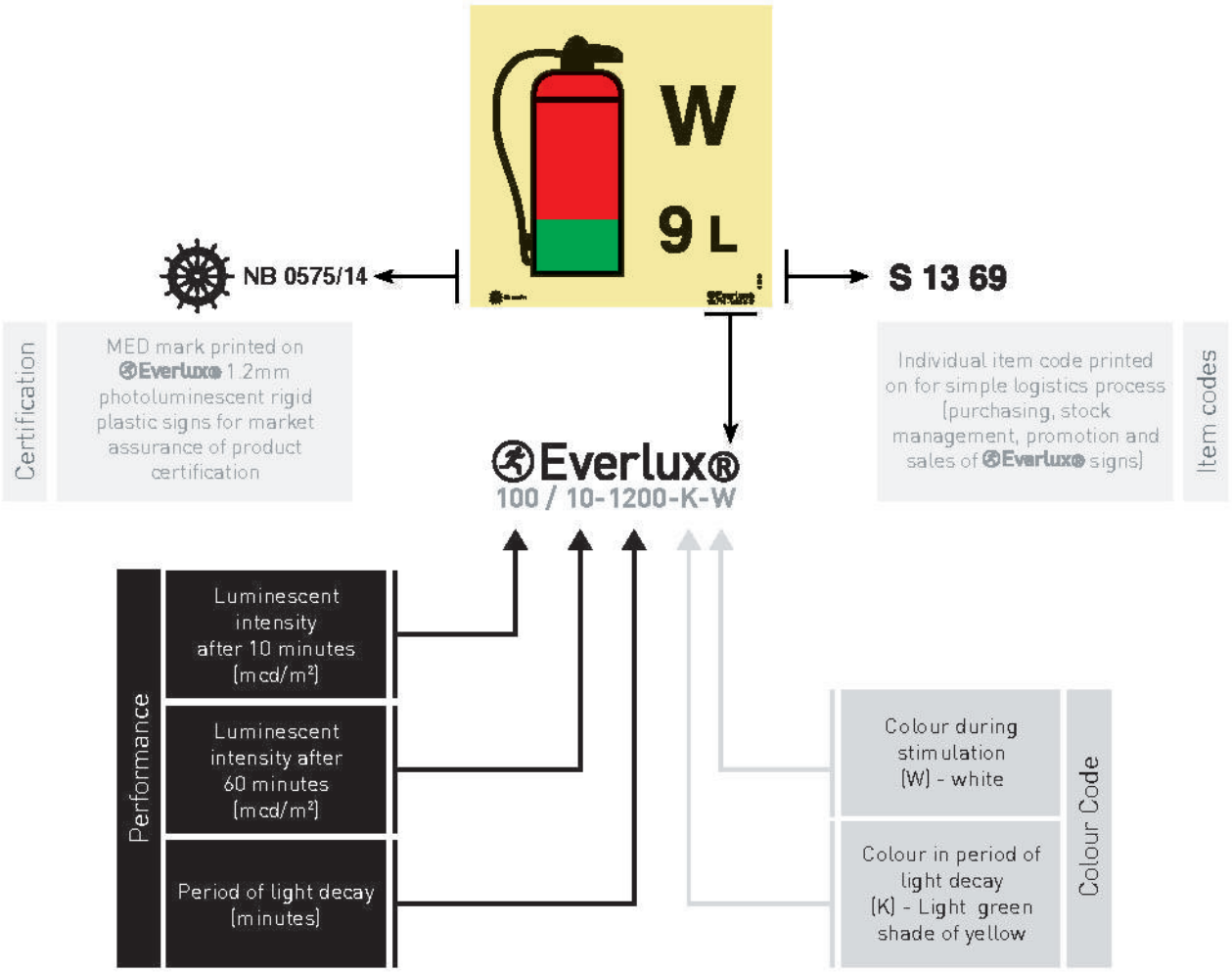
(*) The sign on this example is available in the following sizes 300x100 and 400x120; in Type 1, 2 or 3; and in photoluminescent rigid plastic and self-adhesive photoluminescent vinyl.
To order the above sign in 400x120 , type 1 and in photoluminescent rigid plastic you order: S 03 75 – 400x120 – Type 1 - F.
It is also possible to order by IMPA or ISSA codes. Please refer to the cross reference guide on pages 91 – 94 to find the equivalent Everlux® item code.

Introduction

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

Lloyd's Register

and are certified by DNV according to MED.

DNV·GL

Notified Body nº 0575

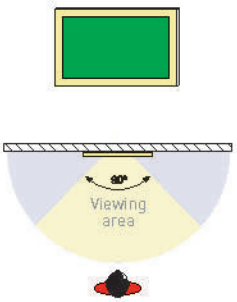
The method of measuring the luminance performance according to ISO and DIN Standards is carried out in the laboratory, where all measuring equipment is calibrated by an accredited and independent official entity.

Different types of application - various alternatives for mounting signs

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

Type 1 (single-sided)

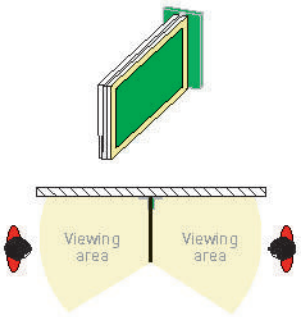
Parallel wall mounted sign.



Type 2 (double-sided)

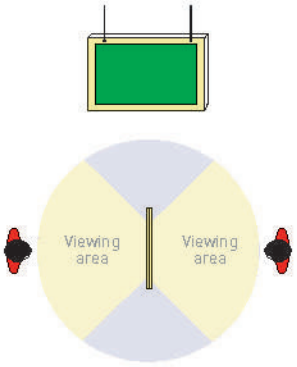
The signs are mounted perpendicularly to the wall by means of a flexible bracket. The bracket consists of a strip that enables the installation of double-sided signs in any location and was developed with the aim of allowing the sign to swing through 180° (+90° and -90°) without breaking.

Note: The bracket is always mounted to the left hand side of the sign, i.e.: Picture 1 - code S 04 21 Type 2; and in Picture 2 - code S 04 26 Type 2.



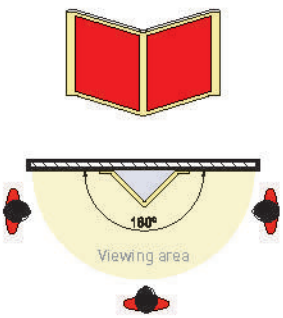
Type 3 (double-sided)

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°.



Introduction

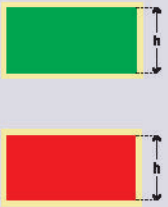
Sizes and viewing distances

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.

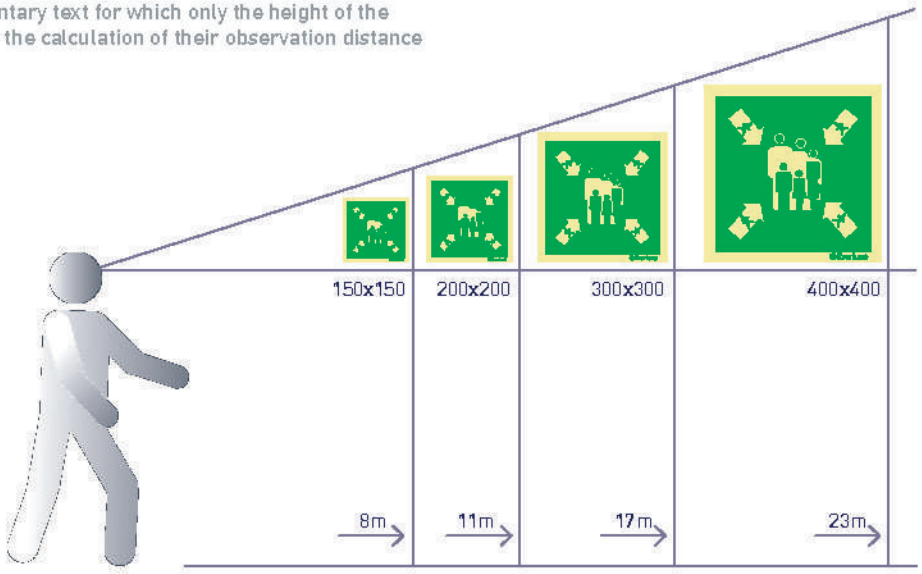
$$l = z_0 x h$$

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

Life-saving and emergency equipment, escape route and fire fighting equipment signs

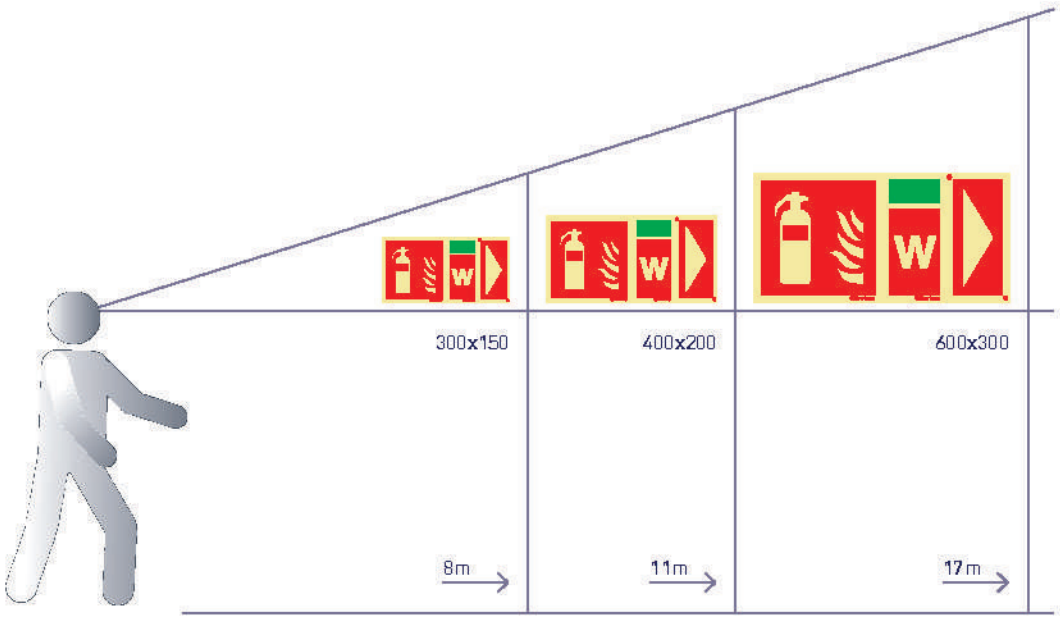
Geometric Shape	Meaning	Everlux® sign sizes (mm)	h height of the sign (mm)	l observation distance (m)
	(z_0=60)	100x100	80	5
		150x150	131	8
		200x200	180	11
		300x300	278	17
		400x400	376	23
	Escape Route and Fire Fighting Equipment Signs (z_0=60)	150x50	36	2
		150x75	55	3
		200x50	36	2
		200x70	55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



Viewing distances

Life-saving and emergency equipment, escape route and fire fighting equipment signs

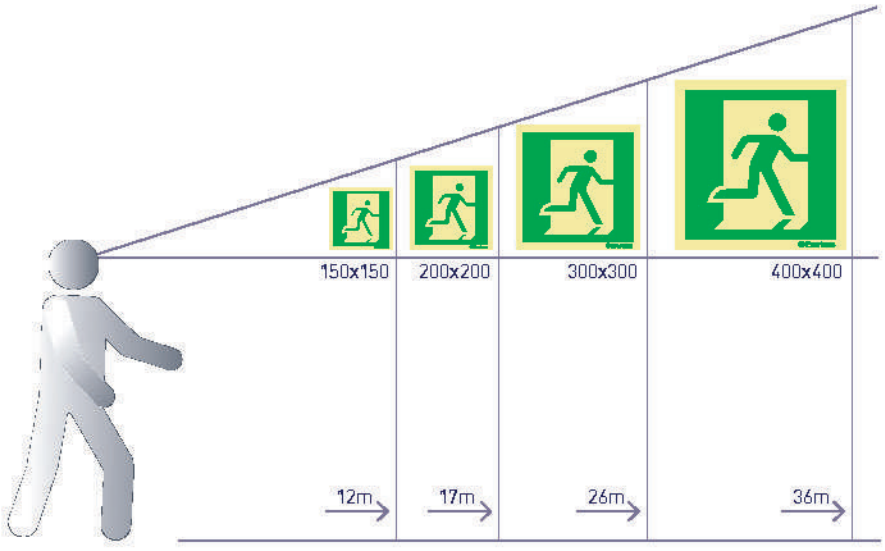


Viewing distances

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: 2011	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 lx, z_0 increases according to ISO 3864-1:2011.

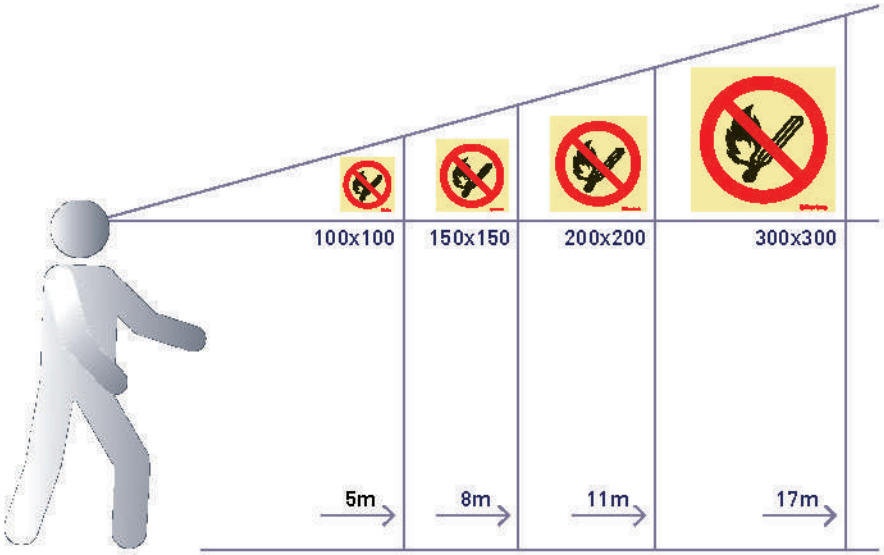


Viewing distances

Introduction

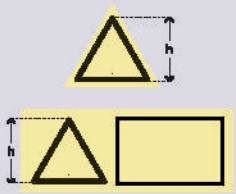
Mandatory and prohibition action signs

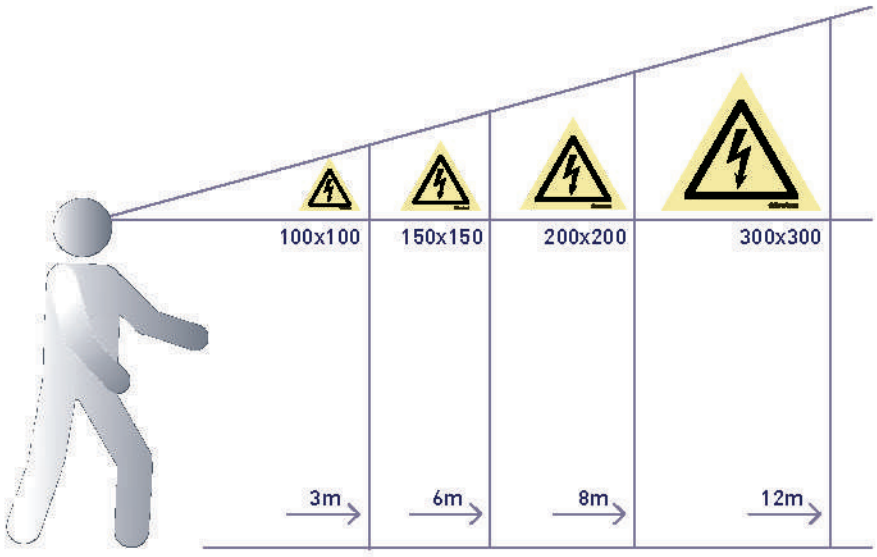
Geometric Shape	Meaning	Everlux® sign sizes (mm)	h height of the sign (mm)	l observation distance (m)
	Prohibition and Mandatory Action Signs [z_0=60]	100x100	80	5
		150x150	131	8
		200x200	180	11
		300x100	80	5
		300x300	278	17
		400x150	131	8
		400x400	376	23



Viewing distances

Hazard signs

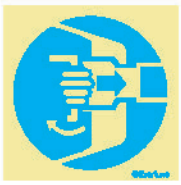
Geometric Shape	Meaning	Everlux® sign sizes (mm)	h height of the sign (mm)	l observation distance (m)
	Hazard Signs [z_0=60]	base 100	56	3
		base 150	94	6
		base 200	130	8
		base 300	193	12
		base 400	264	16
		300x100	80	5
		400x150	113	7



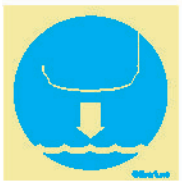
Viewing distances

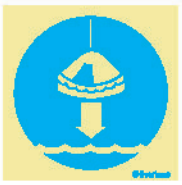
Life-saving appliance IMO signs - according to SOLAS Convention (Chap. III Reg. 9.2.3.)


S 00 01


S 00 02


S 00 03

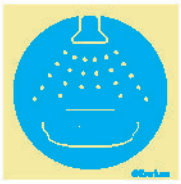

S 00 04


S 00 05

(mm)
150x150
200x200
300x300


S 00 06


S 00 07


S 00 08


S 00 09


S 00 10


S 00 11

S 01 01

S 01 02

S 01 03

S 01 04

(mm)
150x150
200x200
300x300

S 01 05

S 01 06

S 01 07

S 01 08

S 01 09

S 01 10

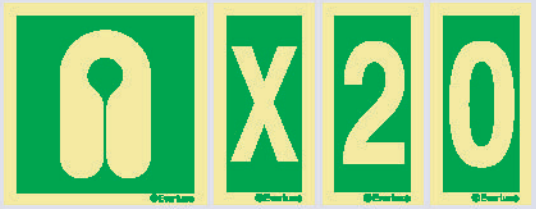
Signs with symbols and supplementary text

Life-saving appliances

Life-saving appliance signs - according to IMO Resolution A.760 (18) and ISO 17631

(mm)
150x150
200x200
300x300

e.g.



S 02 12 S 04 1X S 04 02 S 04 00

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

Life-saving appliance signs - according to IMO Resolution A.760 (18) and ISO 17631

(mm)
150x150
200x200
300x300

S 02 51

S 02 52

S 02 53

S 02 54

S 02 55

S 02 56

S 02 57

S 02 58

S 02 59

S 02 60

S 02 61

S 02 62

S 02 63

S 02 64

S 02 65

S 02 66

S 02 67

S 02 68

S 02 69

S 02 70

S 02 71

S 02 72

S 02 73

S 02 74

S 02 75

S 02 76

S 02 77

S 02 78

S 02 79

S 02 80

S 02 81

S 02 82

S 02 83

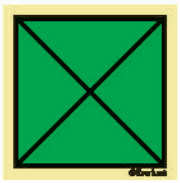
S 02 84

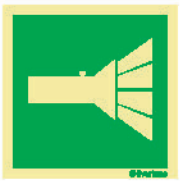
S 02 85

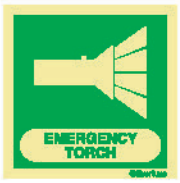
Non-standard Life-saving appliance IMO signs

(mm)
150x150
200x200
300x300

S 14 52


S 14 62


S 14 63



S 14 64

S 14 65

S 14 66

S 14 67

Life-saving appliances

Emergency equipment signs

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.

(mm)
150x150
200x200
300x300
400x400


S 03 01

S 03 02


S 03 03


S 03 04


S 03 05


S 03 06


S 03 07


S 03 08

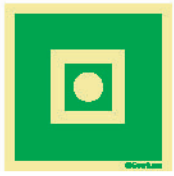

S 03 09

S 03 10

S 03 11

S 03 21


S 03 12


S 03 13


S 03 14


S 03 15


S 03 16


S 03 17


S 03 18


S 03 19

S 03 20

(mm)
300x100
400x150

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 42

S 03 43

S 03 44

S 03 45

S 03 46

S 03 47

S 03 48

S 03 49

S 03 50

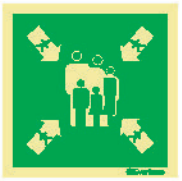
S 03 51

S 03 52

S 03 53

S 03 54

Escape route and life-saving appliance directional signs



S 03 61

S 03 62

S 03 63

S 03 64

S 03 65

(mm)
150x150
200x200
300x300
400x400

S 03 71

S 03 72

S 03 73

S 03 74

S 03 75

S 03 76

S 03 77

S 03 78

S 03 79

S 03 80

S 03 81

S 03 82

S 03 83

S 03 84

S 03 85

S 03 86

S 03 87

S 03 88

S 03 89

S 03 90

S 03 91

S 03 92

S 03 93

S 03 94

S 03 95

S 03 96

S 03 97

S 03 98

S 04 51

S 04 52

(mm)
300x150

S 04 53

S 04 54

S 04 55

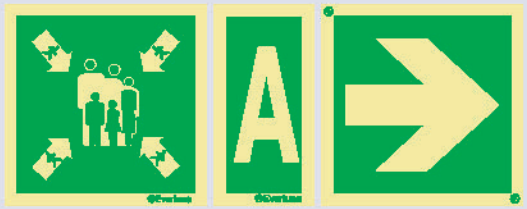
S 04 56

Escape route signs

Number and letter supplementary signs for marking life-saving appliances and for other identification requirements

(mm)
75x150
100x200
150x300
200x400

e.g.



S 03 61 S 04 1A S 03 64

S 04 01 S 04 02 S 04 03 S 04 09 S 04 00

S 04 1A S 04 1B S 04 1C S 04 1D S 04 1E S 04 1F S 04 1G S 04 1Y S 04 1Z S 04 10 S 04 11 S 04 12

Escape route signs according to ISO 24409 and EN ISO 7010

(mm)
300x150
400x200
600x300

S 04 21

S 04 22

S 04 23

S 04 24

S 04 25

S 04 26

S 04 27

S 04 28

S 04 29

S 04 30

(mm)
300x100
400x150
600x200

S 04 35

S 04 36

S 04 37

S 04 38

S 04 39

S 04 40

S 04 41

S 04 42

S 04 43

S 04 44

S 04 45

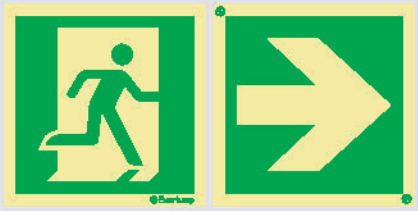
S 04 46

S 04 47

S 04 48

Escape route signs according to ISO 24409 and EN ISO 7010

e.g.



S 04 62 S 03 64

S 04 61

S 04 62

S 04 63

(mm)
150x150
200x200
300x300
400x400

S 04 64

S 04 65

S 03 64

S 03 65

S 03 66

S 03 67

Escape route signs for people with reduced mobility

S 04 71

S 04 72

(*) S 04 75

(*) S 04 76

(mm)
150x150
(*)150x200
(*)200x300
200x200
300x300
(*) Only available in this size

S 04 81

S 04 82

S 04 83

S 04 84

S 04 85

S 04 86

S 04 87

S 04 88

(mm)
300x150
400x200
600x300

S 04 91

S 04 92

S 04 93

(mm)
300x100
400x150
600x200

Escape door mechanism signs

S 05 01

S 05 02

(*) S 05 05

(*) S 05 06

(mm)
70x200
(*)100x240
100x300
(*) Only available in this size

Escape route signs

Escape door mechanism signs

(mm)
300x150
400x200
600x300

S 05 11

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

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

(*) S 05 15

(*) S 05 16

(**) S 05 17

(*) S 05 18

(*) S 05 19

(mm)
200x50
300x70
400x100

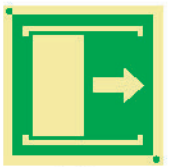
S 05 25

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

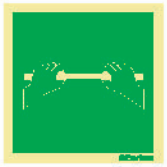
(*) (**)
Also available in this size

(*) S 05 31

(*) S 05 32

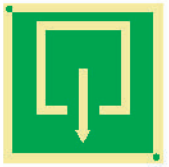


(**) S 05 33



(**) S 05 34

(**) S 05 35



(**) S 05 36

(**) S 05 37

S 05 38

S 05 39

(mm)
200x70
300x100
400x120

S 05 51

S 05 52

S 05 53

S 05 54

(mm)
150x200
200x300
300x400

S 05 61

S 05 62

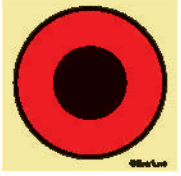
S 05 63

S 05 64

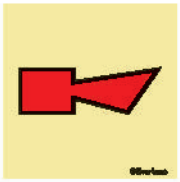
IMO fire control signs - according to IMO Resolution A.654 (16)

(mm)
150x150
200x200

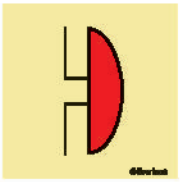
S 10 01
Fire control plan



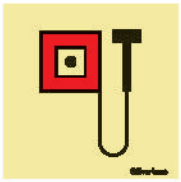
S 10 02
Push-button/ switch for fire alarm



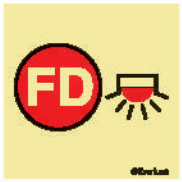
S 10 03
Horn fire alarm



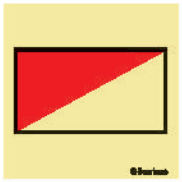
S 10 04
Bell fire alarm



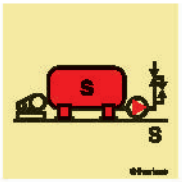
S 10 05
Manually operated call point



S 10 06
Space protected by automatic fire alarm

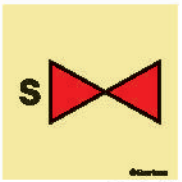


S 10 07
Fire alarm panel

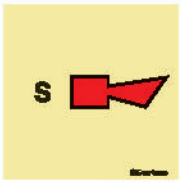


S 10 08
Sprinkler installation

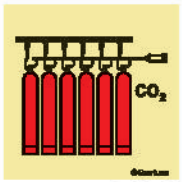
S 10 09
Space protected by sprinkler



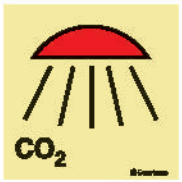
S 10 10
Sprinkler section valve



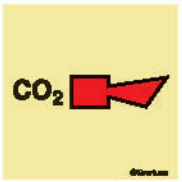
S 10 11
Sprinkler horn



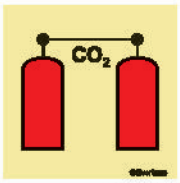
S 10 12
CO_2 battery



S 10 13
Space protected by CO_2



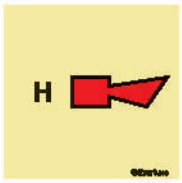
S 10 14
CO_2 horn



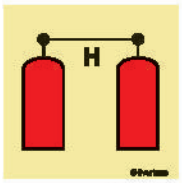
S 10 15
CO_2 release station

S 10 16
Halon 1301 battery

S 10 17
Space protected by halon 1301

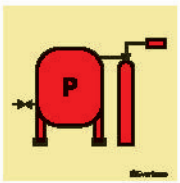


S 10 18
Halon horn



S 10 19
Halon release station

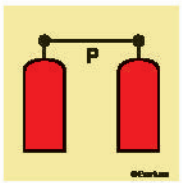
S 10 20
Halon 1301 bottles placed in protected area



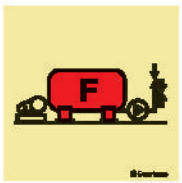
S 10 21
Powder installation

S 10 22
Powder monitor (gun)

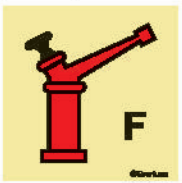
S 10 23
Powder hose and handgun



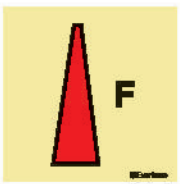
S 10 24
Powder release station



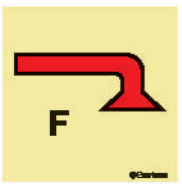
S 10 25
Foam installation



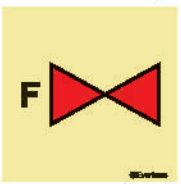
S 10 26
Foam monitor (gun)



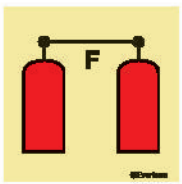
S 10 27
Foam nozzle



S 10 28
Space protected by foam

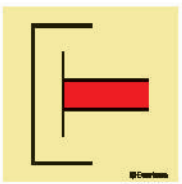


S 10 29
Foam valve

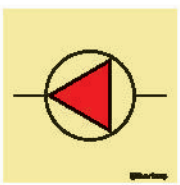


S 10 30
Foam release station

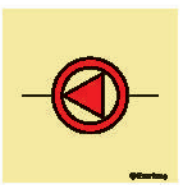
S 10 31
Hose box with spray/jet fire nozzle



S 10 32
International shore connection

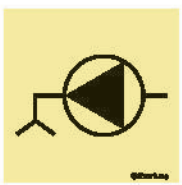


S 10 33
Fire pump

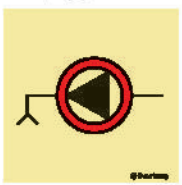


S 10 34
Emergency fire pump

S 10 35
Remote control fire pumps or emergency switches



S 10 36
Bilge pump



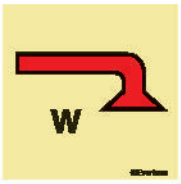
S 10 37
Emergency bilge pump

S 10 38
Water monitor (gun)

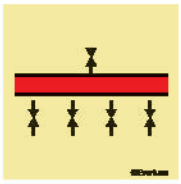
Fire

IMO fire control signs - according to IMO Resolution A.654 (16)

(mm)
150x150
200x200

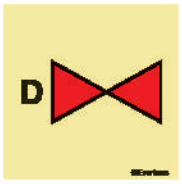


S 10 39
Water fog applicator



S 10 40
Drenching installation

S 10 41
Fire mains with fire valves

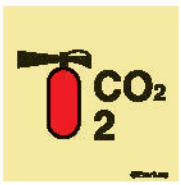


S 10 42
Section valves drenching system

S 10 43
Powder portable fire extinguisher – 6Kg

S 10 44
Foam portable fire extinguisher – 9L

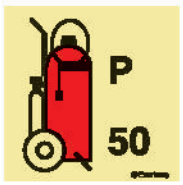
S 10 45
Halon 1211 portable fire extinguisher – 4Kg



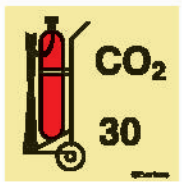
S 10 46
CO_2 portable fire extinguisher – 2Kg

S 10 47
Powder fire extinguisher – 2Kg

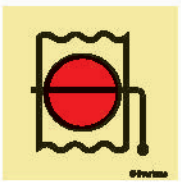
S 10 48
Powder fire extinguisher – 1Kg



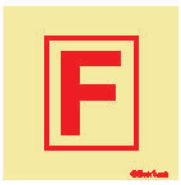
S 10 49
Powder wheeled fire extinguisher – 50Kg



S 10 50
CO_2 wheeled fire extinguisher – 30Kg



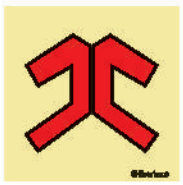
S 10 51
Fire damper in vent duct



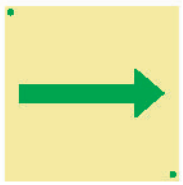
S 10 52
Fire station

S 10 53
Locker with fireman's outfit

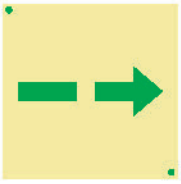
S 10 54
Locker with additional breathing apparatus



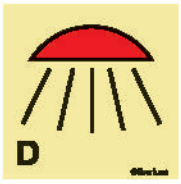
S 10 55
Locker for protective clothing



S 10 56
Primary means of escape



S 10 57
Secondary means of escape

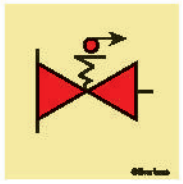


S 10 58
Space protected by drenching system

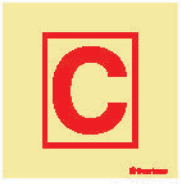
S 10 59
A class division

S 10 60
B class division

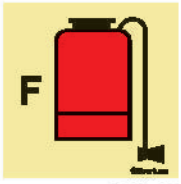
S 10 61
Remote controlled skylights



S 10 62
Remote controlled fuel/ lubricating oil valves

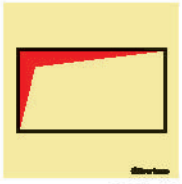


S 10 63
Control station

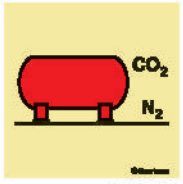


S 10 64
Portable foam applicator

S 10 65
Inert gas installation

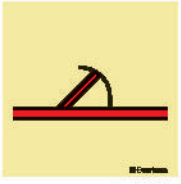


S 10 66
High expansion foam supply trunk

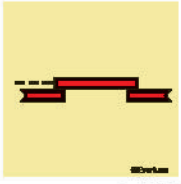


S 10 67
CO_2 / nitrogen bulk installation

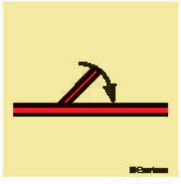
S 10 68
Emergency generator



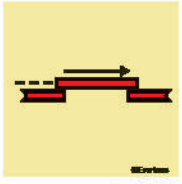
S 10 69
A class fire door



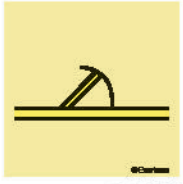
S 10 70
A class sliding fire door



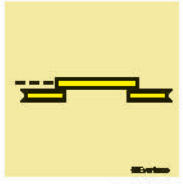
S 10 71
A class fire door self-closing



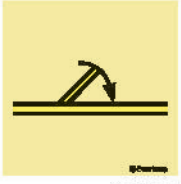
S 10 72
A class sliding door self-closing



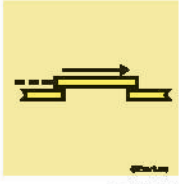
S 10 73
B class fire door



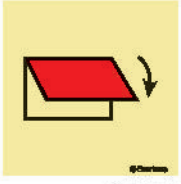
S 10 74
B class sliding fire door



S 10 75
B class fire door self-closing



S 10 76
B class sliding fire door self-closing



S 10 77
Closing appliance for exterior ventilation inlet or outlet

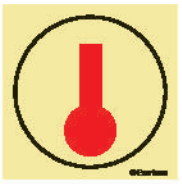
S 10 78
Emergency switchboard

S 10 79
Remote ventilation shut off

S 10 80
Main vertical zone

IMO fire control signs - according to IMO Resolution A.654 (16)

S 10 81
Smoke detector

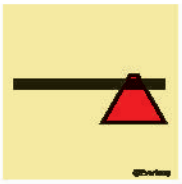


S 10 82
Heat detector

S 10 83
Gas detector

S 10 84
Flame detector

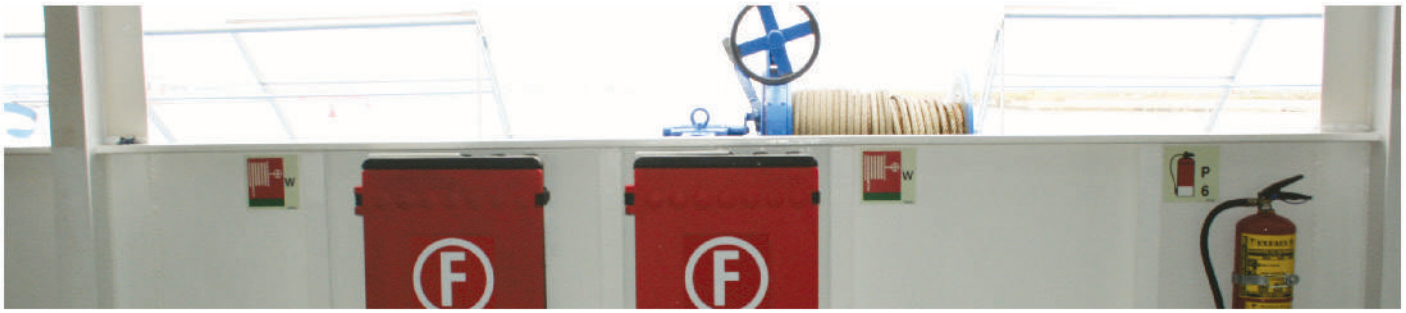
S 10 85
Emergency telephone station

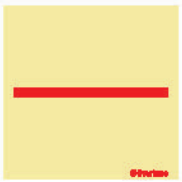


S 10 86
Fire axe

(mm)
150x150
200x200

IMO fire control signs - according to IMO Resolution A.952 (23) and ISO 17631



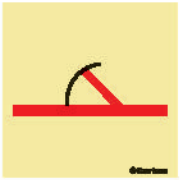


S 12 01
A-class division

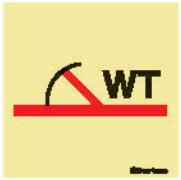
S 12 02
B-class division

(mm)
150x150
200x200

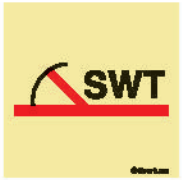
S 12 03
Main vertical zone



S 12 04
A-class hinged fire door

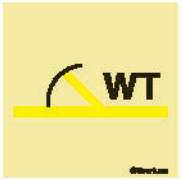


S 12 05
A-class watertight fire door

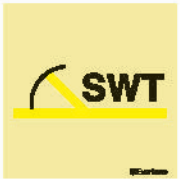


S 12 06
A-class semi-watertight fire door

S 12 07
B-class hinged fire door



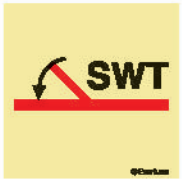
S 12 08
B-class watertight fire door



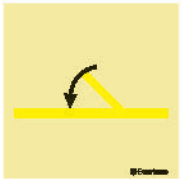
S 12 09
B-class semi-watertight fire door

S 12 10
A-class hinged self-closing fire door

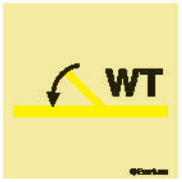
S 12 11
A-class watertight self-closing fire door



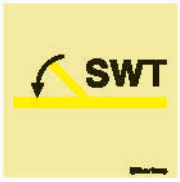
S 12 12
A-class semi-watertight self-closing fire door



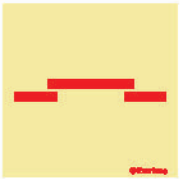
S 12 13
B-class hinged self-closing fire door



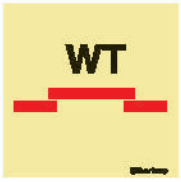
S 12 14
B-class watertight self-closing fire door



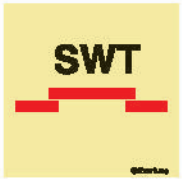
S 12 15
B-class semi-watertight self-closing fire door



S 12 16
A-class sliding fire door



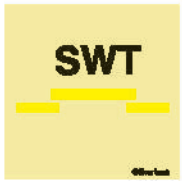
S 12 17
A-class watertight sliding fire door



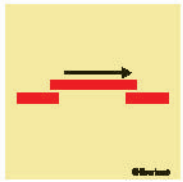
S 12 18
A-class semi-watertight sliding fire door

S 12 19
B-class sliding fire door

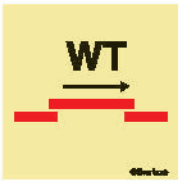
S 12 20
B-class watertight sliding fire door



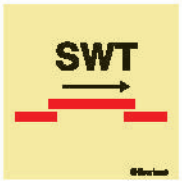
S 12 21
B-class semi-watertight sliding fire door



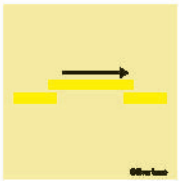
S 12 22
A-class self-closing sliding fire door



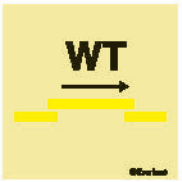
S 12 23
A-class self-closing watertight sliding fire door



S 12 24
A-class self-closing semi-watertight sliding fire door



S 12 25
B-class self-closing sliding fire door

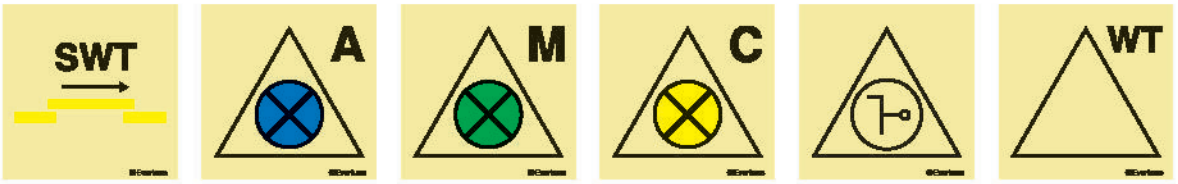


S 12 26
B-class self-closing watertight sliding fire door

Fire

IMO fire control signs - according to IMO Resolution A.952 (23) and ISO 17631

(mm)
150x150
200x200



S 12 27
B-class self-closing semi-watertight sliding fire door

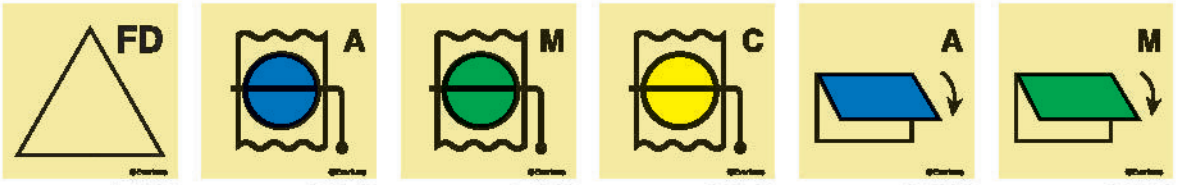
S 12 28
Ventilation remote control shut-off for accommodation and service spaces

S 12 29
Ventilation remote control shut-off for machinery spaces

S 12 30
Ventilation remote control shut-off for cargo spaces

S 12 31
Remote control for skylight

S 12 32
Remote control for watertight doors



S 12 33
Remote control for fire doors

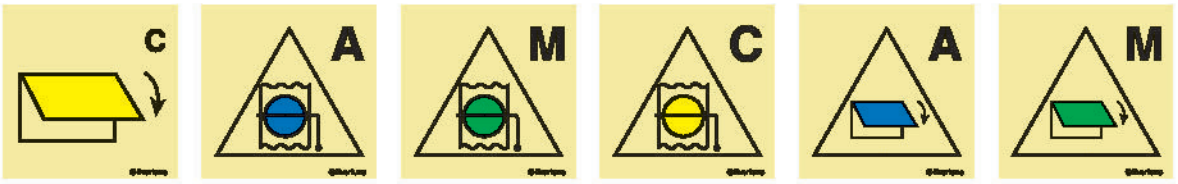
S 12 34
Fire damper for accommodation and service spaces

S 12 35
Fire damper for machinery spaces

S 12 36
Fire damper for cargo spaces

S 12 37
Closing device for ventilation inlet or outlet for accommodation and service spaces

S 12 38
Closing device for ventilation inlet or outlet for machinery spaces



S 12 39
Closing device for ventilation inlet or outlet for cargo spaces

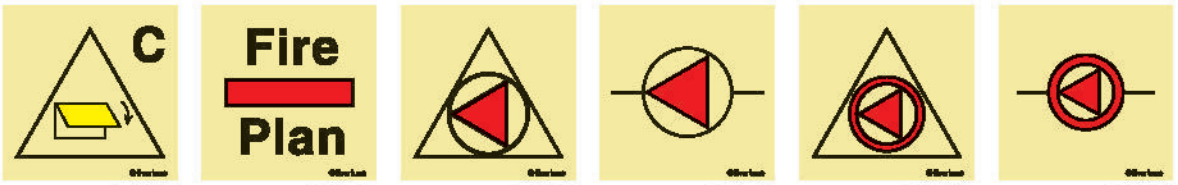
S 12 40
Remote control for fire damper(s) for accommodation and service spaces

S 12 41
Remote control for fire damper(s) for machinery spaces

S 12 42
Remote control for fire damper(s) for cargo spaces

S 12 43
Remote control for closing device(s) for ventilation inlet and outlet for accommodation and service spaces

S 12 44
Remote control for closing device(s) for ventilation inlet and outlet for machinery spaces



S 12 45
Remote control for closing device(s) for ventilation inlet and outlet for cargo spaces

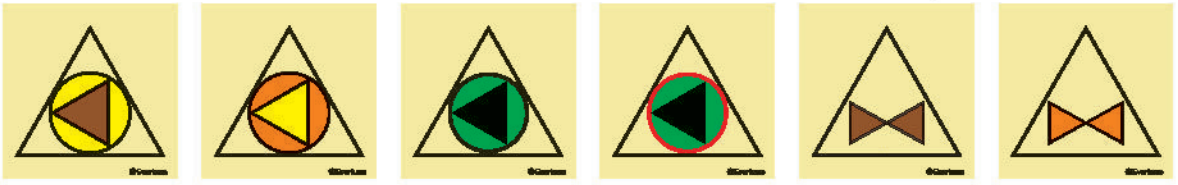
S 12 46
Fire protection appliances or structural fire protection plan

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

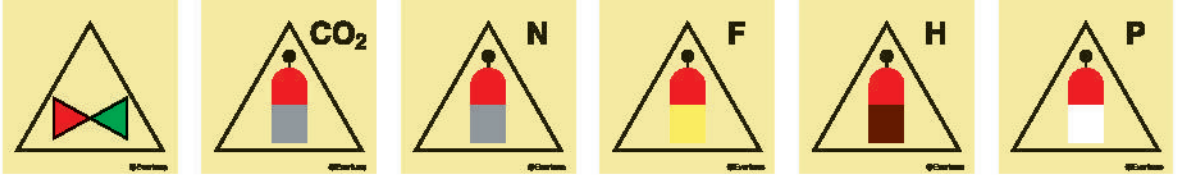
S 12 52
Lube oil pump(s) remote shut-off

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

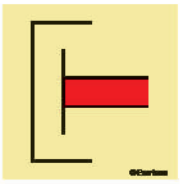
S 12 61
Gas remote release station

S 12 62
Powder remote release station

IMO fire control signs - according to IMO Resolution A.952 (23) and ISO 17631

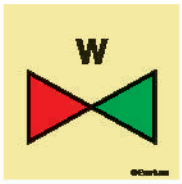
(mm)
150x150
200x200

S 12 63
Water remote release station

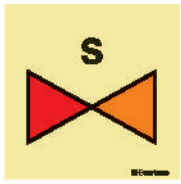


S 10 32
International shore connection

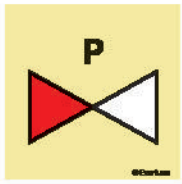
S 12 65
Fire hydrant



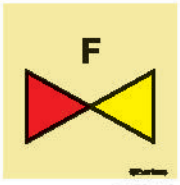
S 12 66
Fire main section valve



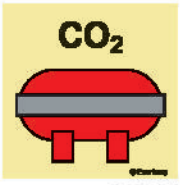
S 12 67
Sprinkler-section valve



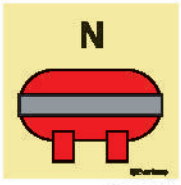
S 12 68
Powder-section valve



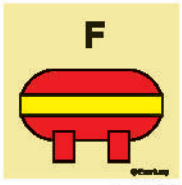
S 12 69
Foam-section valve



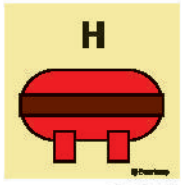
S 12 70
CO_2 fixed fire-extinguishing installation



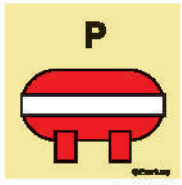
S 12 71
Nitrogen fixed fire-extinguishing installation



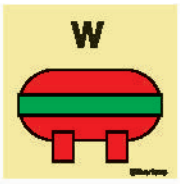
S 12 72
Foam fixed fire-extinguishing installation



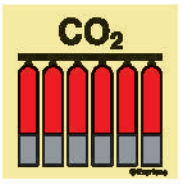
S 12 73
Gas fixed fire-extinguishing installation



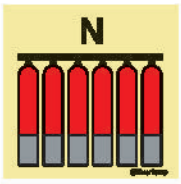
S 12 74
Powder fixed fire-extinguishing installation



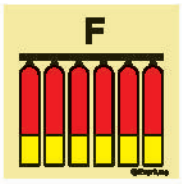
S 12 75
Water fixed fire-extinguishing installation



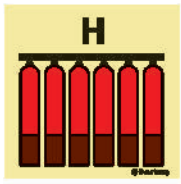
S 12 76
CO_2 fixed fire-extinguishing battery



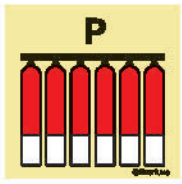
S 12 77
Nitrogen fixed fire-extinguishing battery



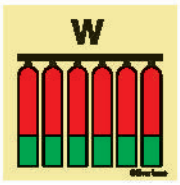
S 12 78
Foam fixed fire-extinguishing battery



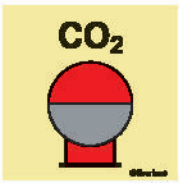
S 12 79
Gas fixed fire-extinguishing battery



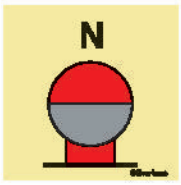
S 12 80
Powder fixed fire-extinguishing battery



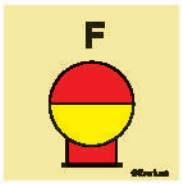
S 12 81
Water fixed fire-extinguishing battery



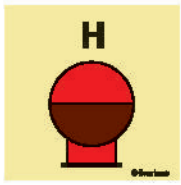
S 12 82
CO_2 fixed fire-extinguishing bottle, placed in protected area



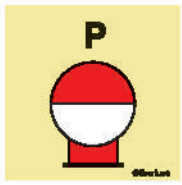
S 12 83
Nitrogen fixed fire-extinguishing bottle, placed in protected area



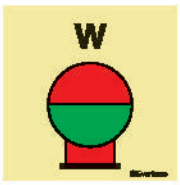
S 12 84
Foam fixed fire-extinguishing bottle, placed in protected area



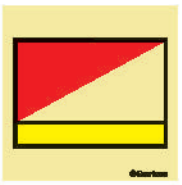
S 12 85
Gas fixed fire-extinguishing bottle, placed in protected area



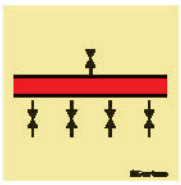
S 12 86
Powder fixed fire-extinguishing bottle, placed in protected area



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

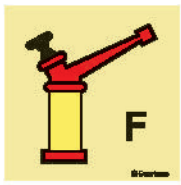


S 12 88
High-expansion-foam supply trunk (outlet)



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

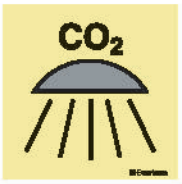
S 12 97
Portable foam applicator unit or relevant spare tank(s)

S 12 98
Fire locker

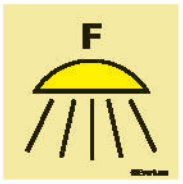
Fire

IMO fire control signs - according to IMO Resolution A.952 (23) and ISO 17631

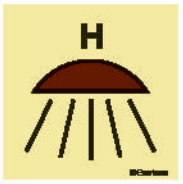
(mm)
150x150
200x200



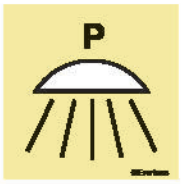
S 12 99
Spaces or group of spaces protected by CO_2 fire-extinguishing system



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



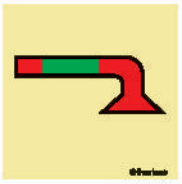
S 13 01
Spaces or group of spaces protected by gas fire-extinguishing system



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

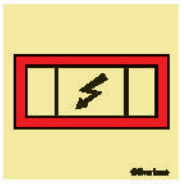
S 13 04
Spaces or group of spaces protected by sprinkler or high pressure fire-extinguishing system



S 13 05
Water fog applicator

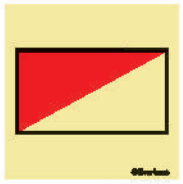
S 10 68
Emergency source of electrical power (generator)

S 13 07
Emergency source of electrical power (battery)



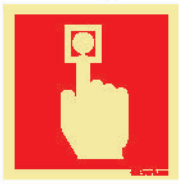
S 10 78
Emergency switchboard

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)

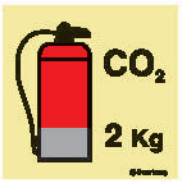
S 10 82
Space or group of spaces monitored by heat detector(s)

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

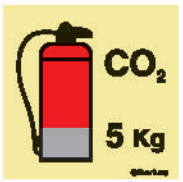
S 10 83
Space monitored by gas detector(s)

IMO fire control signs - fire extinguisher according to IMO Resolution A.952 (23) and ISO 17631

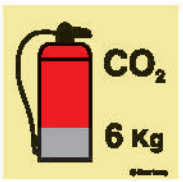
(mm)
150x150
200x200



S 13 51



S 13 52

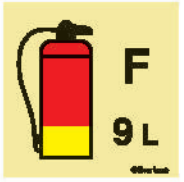


S 13 53

S 13 54

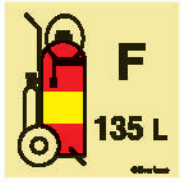
S 13 55

S 13 56



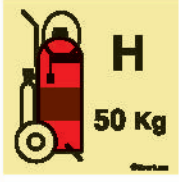
S 13 57

S 13 58



S 13 59

S 13 60



S 13 61

S 13 62

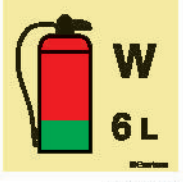
S 13 63

S 13 64

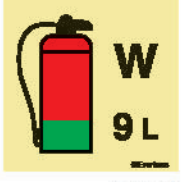
S 13 65

S 13 66

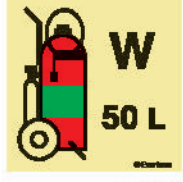
S 13 67



S 13 68



S 13 69

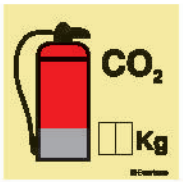


S 13 70

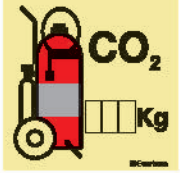
S 13 71

IMO fire control signs - fire extinguisher according to IMO Resolution A.952 (23) and ISO 17631

(mm)
150x150
200x200



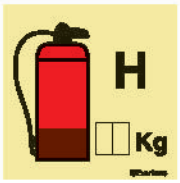
S 13 81



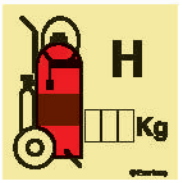
S 13 82

S 13 83

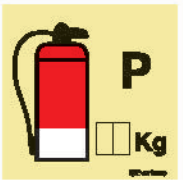
S 13 84



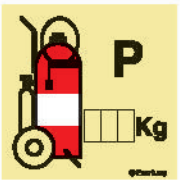
S 13 85



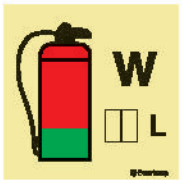
S 13 86



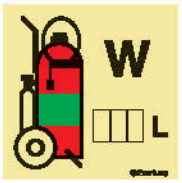
S 13 87



S 13 88



S 13 89

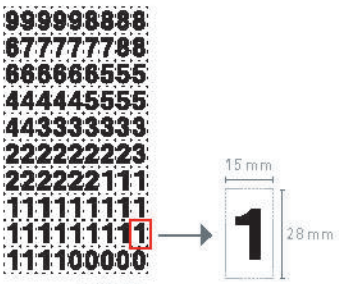


S 13 90

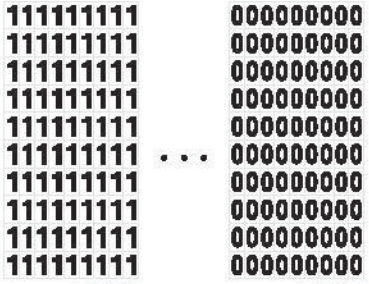
These signs with fire extinguisher symbols are according to IMO and ISO Standards and can be customized with the appropriate extinguisher agent capacity

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.

(mm)
15x28
A4 page



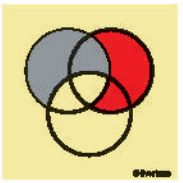
S 14 00

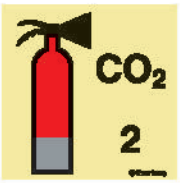


S 14 01 ... S 14 10

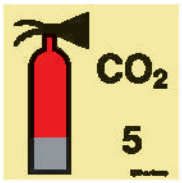
Non-standard Fire Control IMO signs

(mm)
150x150
200x200

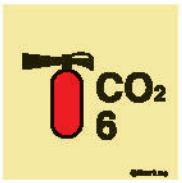

S 14 51



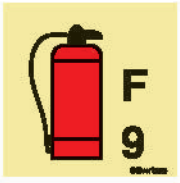
S 14 53



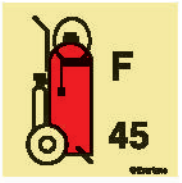
S 14 54



S 14 55

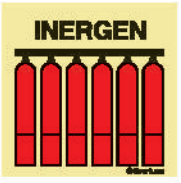


S 14 56



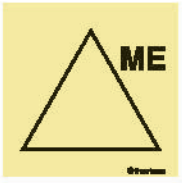
S 14 57

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

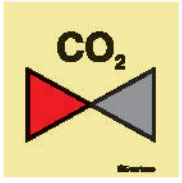
S 14 75

S 14 76

S 14 77

S 14 78

S 14 79



S 14 80

S 14 81

Fire

Fire-fighting equipment signs in compliance with ISO 24409 and ISO 7010

(mm)
150x150
200x200
300x300


S 16 01


S 16 02


S 16 03


S 16 04


S 16 05


S 16 06


S 16 07


S 16 08


S 16 09


S 16 10


S 16 91


S 16 92


S 16 93


S 16 94


S 16 95


S 16 96


S 16 97


S 16 98

(mm)
100x200
150x300
200x400


S 16 51


S 16 52


S 16 53


S 16 54


S 16 55

Fire fighting equipment signs

(mm)
100x300

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

S 16 85

Fire fighting equipment signs with supplementary text

(mm)
150x200
200x300
300x400

S 16 71

S 16 72

S 16 73

S 16 74

S 16 75

S 16 76

S 16 77

S 16 78

Numbers and other supplementary signs for marking fire fighting equipment and other identification requirements

(mm)
75x150
100x200
150x300

S 19 61

S 19 62

S 19 63

S 19 64

S 19 65

S 19 66

S 19 67

S 19 68

S 19 69

S 19 70

S 19 71

S 19 72

S 19 73

S 19 74


S 19 75

S 17 60

S 17 61

S 17 62

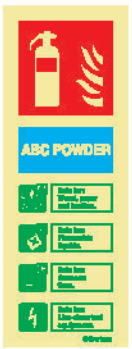
S 17 63

(mm)
75x200

S 17 51

S 17 52

S 17 53



S 17 54

S 17 55

S 17 56

S 17 57

S 17 58

S 17 59

Fire extinguisher and fire blanket identification signs are complementary to the main location signs. They enable a quick identification of the contents of the fire extinguisher and the types of fire that it is safe or unsafe to use it on

Fire

Fire extinguisher identification signs

(mm)
150x100
200x150

S 17 71

S 17 72

S 17 73

S 17 74

S 17 75

S 17 76

S 17 77

S 17 78

S 17 79

Numbered fire extinguisher identification signs

(mm)
150x120

Numbering fire fighting equipment is an effective and thorough way of identifying the fixed location of such equipment. It also helps the Health and Safety Nominated Responsible Person(s) and enforcing authorities to identify and report accurately if an extinguisher is damaged, missing or used.
This ID sign is in a landscape format with a space located just below the fire extinguisher pictogram, in the bottom left hand corner. This space allows up to 3 numbers to be added. The numbers are printed in black on self-adhesive transparent vinyl. The same number/s should be placed on both fire extinguisher and the ID sign in order that fire extinguisher to remain in its original location and will not be mixed up with another one. These numbers are available in the sheets below in two different formats: one format contains the same digit and the other contains multiple digits. The sheets in single digit format are available with numbers 1 to 0. There are 90 numbers supplied on each sheet. The multiple digit sheet contains the most commonly used numbers in greater quantities and should allow the identification of up to 24 fire extinguishers.

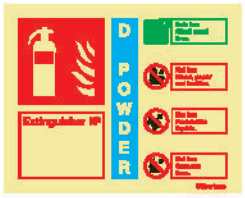
S 17 91

S 17 92

S 17 93

S 17 94

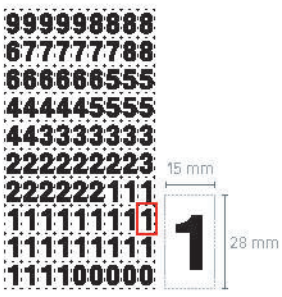
S 17 95



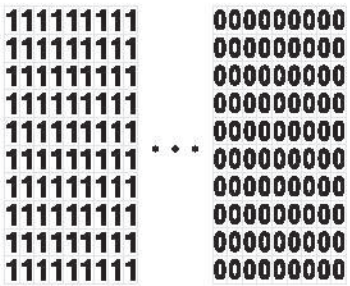
S 17 96

S 17 97

(mm)
15x28
A4 page



S 14 00



S 14 01 S 14 10

Fire alarm signs


S 13 12


S 18 02

(mm)
150x150
200x200
300x300

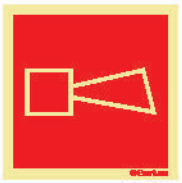
S 18 03

S 18 04


S 18 05


S 18 06


S 18 07


S 18 08

S 18 21

S 18 22

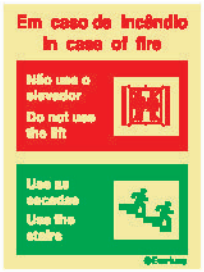
S 18 23

(mm)
150x200
200x300
300x400

Signs for lifts

S 18 41

S 18 42



S 18 43

S 18 44

S 18 45

(mm)
150x200
200x300

S 18 46

S 18 47

S 18 48

S 18 49

S 18 50

Fire

Signs with supplementary text

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

(*) Also available in this size

S 19 01

S 19 02

S 19 03

S 19 04

S 19 05

S 19 06

S 19 07

S 19 08

S 19 09

S 19 10

(*) S 19 11

(*) S 19 12

S 19 13

S 19 14

S 19 15

S 19 16

(*) S 19 17

(*) S 19 18

S 19 19

S 19 20

S 19 21

S 19 22

S 19 23

S 19 24

S 19 25

S 19 26

S 19 27

S 19 28

(*) S 19 29

S 19 30

S 19 31

S 19 32

S 19 33

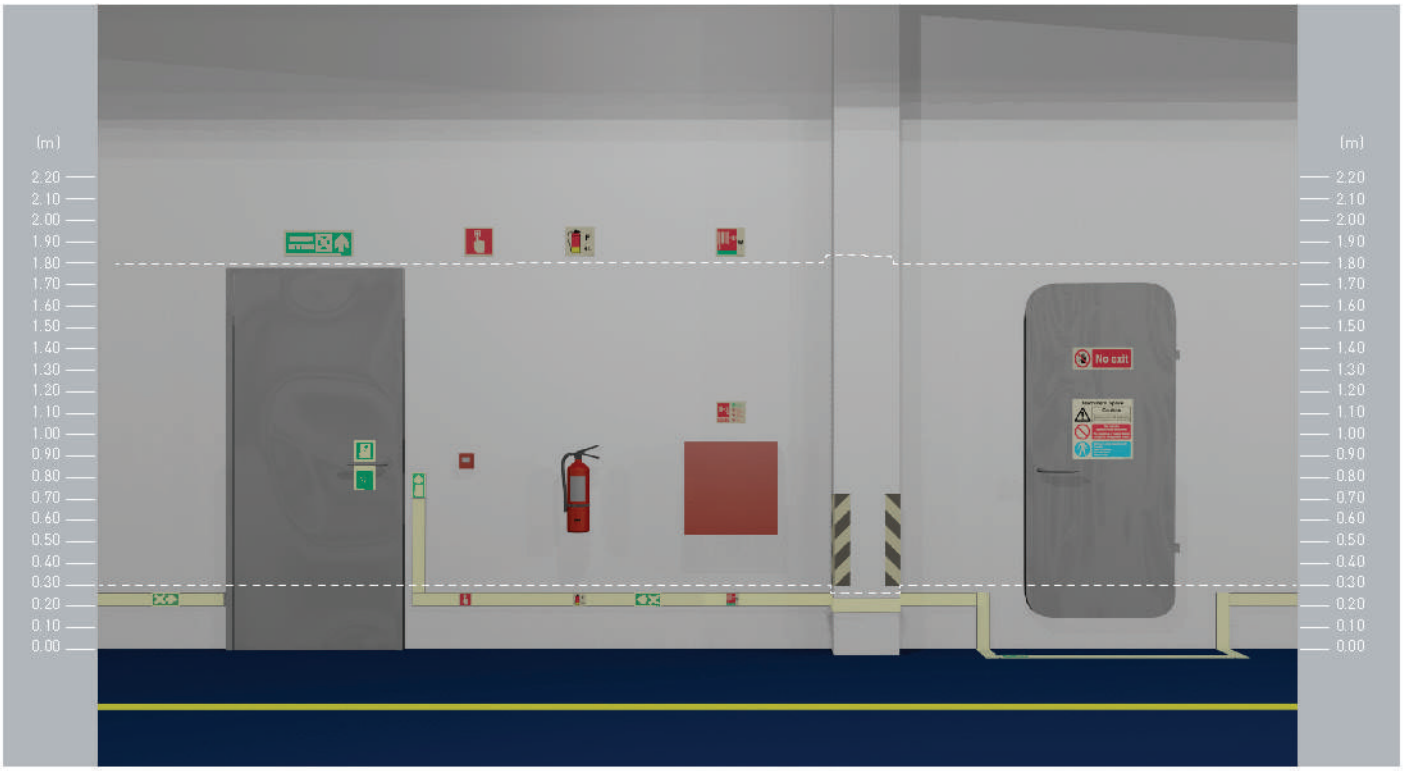
Low Location Lighting system

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.

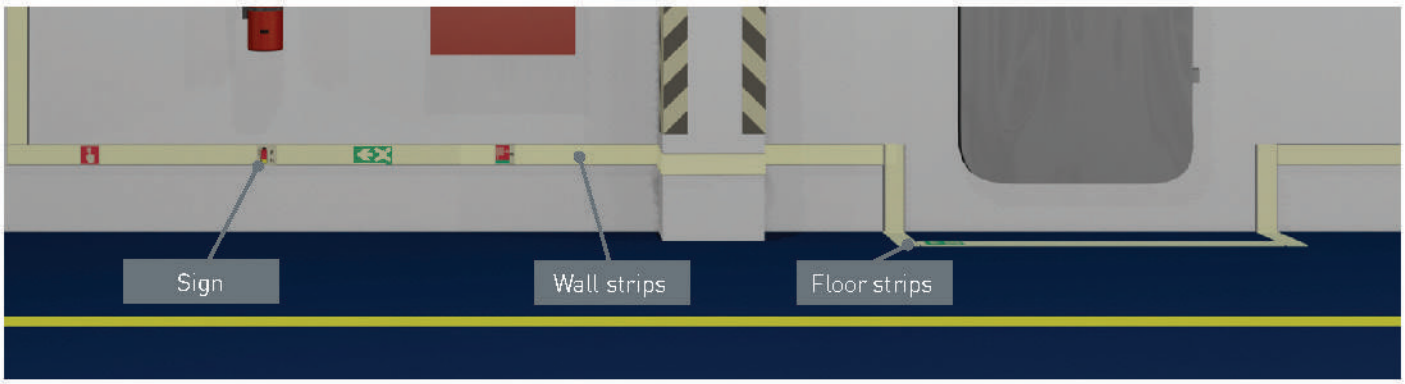
This LLL system is unique in providing consistent and regular information throughout the complete escape route. This reduces possible confusion and panic, factors that hamper the safe egress from occupied areas.

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 16069.



According to ISO 16069 (SWGS – Safety Way Guidance System) a complete sign system is comprised of three levels of signage:
- Photoluminescent signs installed at a high location level (above 1.80m) are to be visible and identified from further distances.
- Photoluminescent signs installed at an intermediate location level (between 1.00m and 1.80m).
Recommended range for signs with text providing information and/or instructions to the user.
- Photoluminescent signs at a low location level (within 30cm from deck according to SOLAS 2004 Chapter II Regulation 13.3.3.5): a sign system that illuminates the entire escape route and identifies the location of fire fighting equipment at floor level.

The components of the Everlux® Low Location Lighting system are:
- Photoluminescent rigid plastic strips and signs to be applied on walls.
- Floor marking strips: 0.3mm thick non-slip photoluminescent self-adhesive marking strips and signs to be applied directly to the floor.



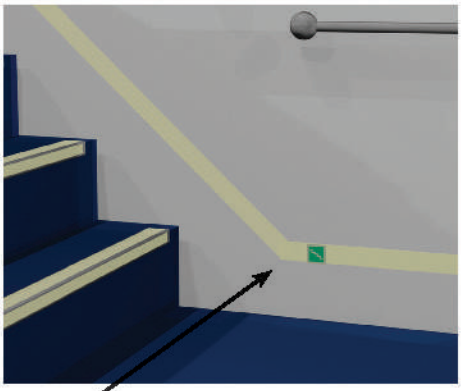
Low Location Lighting

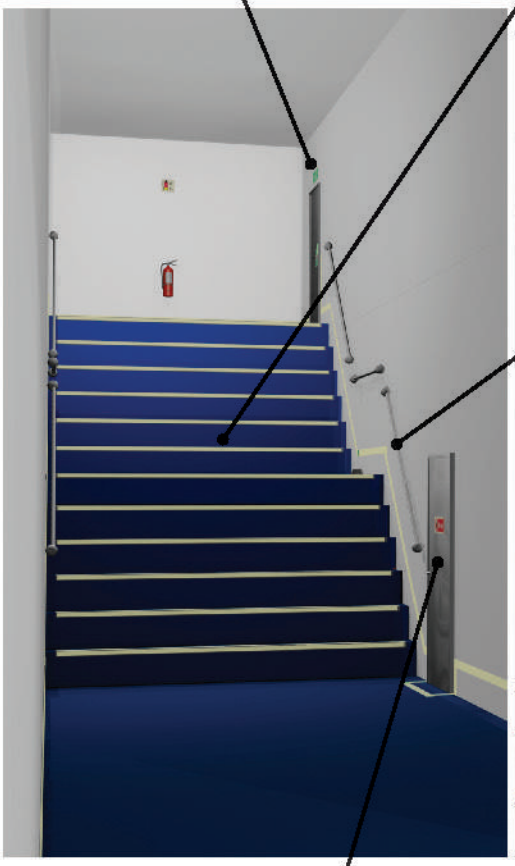
Example

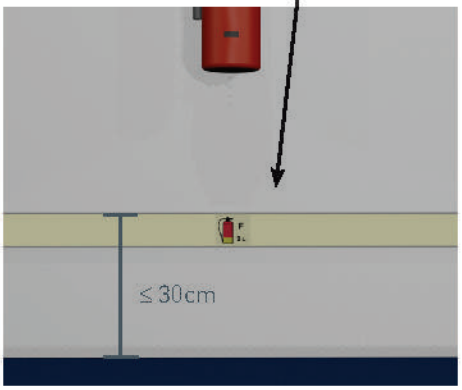
Escape doors must be signed as illustrated.

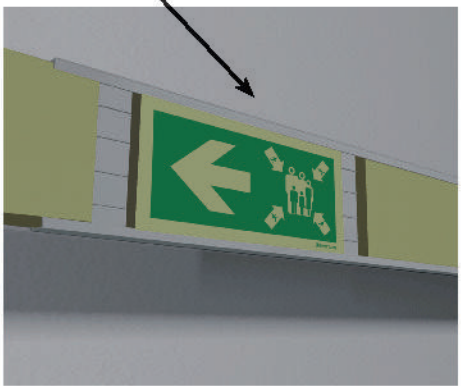
Stairs and corridors which are 2m wide or more should be fitted with LLL photoluminescent strips on both sides.

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









Non-escape doors must be signed as illustrated.

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 2002/25/EC	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 System of Sign-Strip for Walls:
The system of sign-strip can be mounted directly onto walls using the **Everlux®** adhesive or they can also be mounted into aluminium frames which can be bolted into place.
According to IMO A.752 (18) this system shall be positioned in the following way:
- 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 next door handle.
- The strips should not be installed more than 30cm above deck.

Everlux®-LLL System of Sign-Strip for Floors and Stairs:
The system of sign-strip 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/m²)** (After removing the exciting light)		**Period of Light Decay**
	10 minutes	**60 minutes**	Luminance Intensity greater than a 0.32 mcd/ m²
IMO Resolution A.752(18) a)	15 mcd/m²	2.0 mcd/m²	...
ISO 15370 a)	15 mcd/m²	2.0 mcd/m²	...
ISO 16069 b)	20 mcd/m²	2.8 mcd/m²	340 minutes
Everlux® a)	**40 mcd/m²**	**8 mcd/m²**	**1800 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

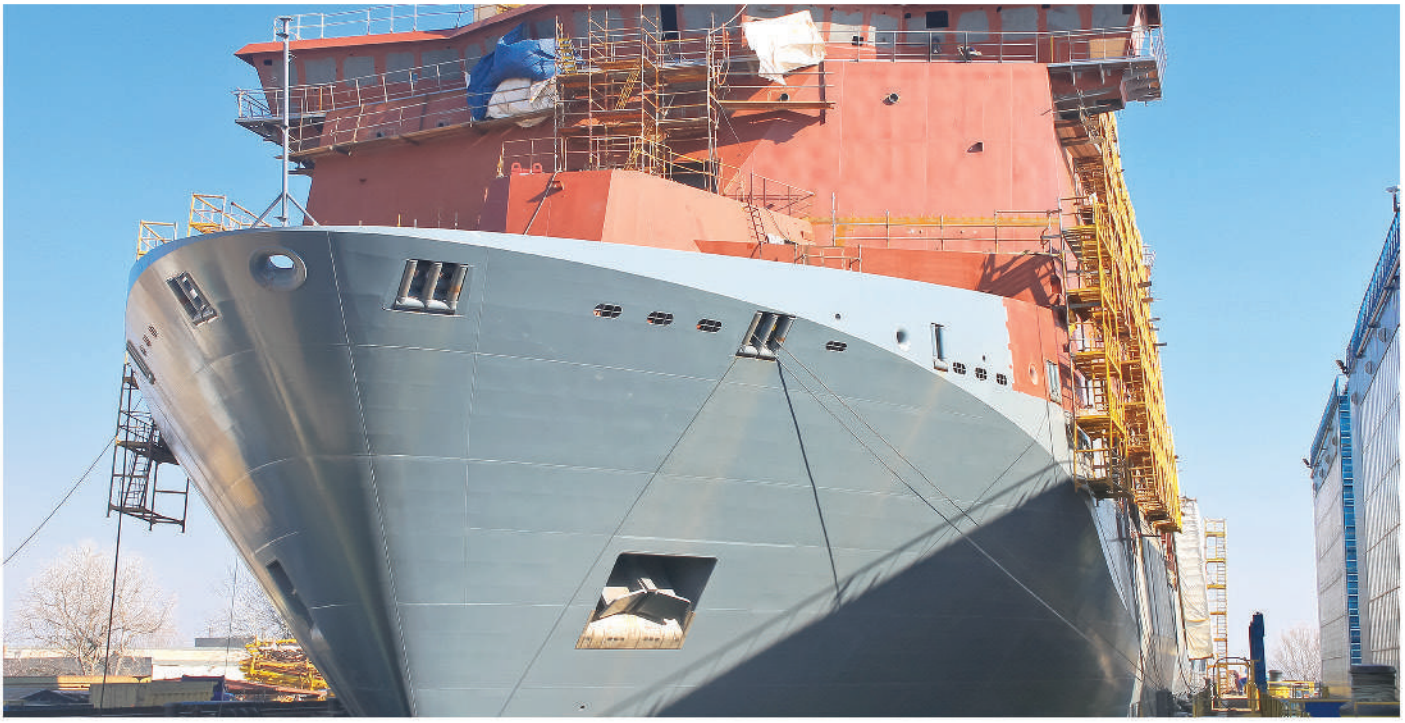
Base Materials:
Signs and strips for wall mounting: Photoluminescent rigid plastic 1.2mm thick; photoluminescent self-adhesive vinyl;
Signs and strips for floors and stairs: Photoluminescent non-slip self-adhesive polycarbonate 0.3mm thick;
Transparent vinyl signs are also available to complement the **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.

Low Location Lighting

Turnkey safety signage projects



Everlux® adopts an integrative approach to every safety signage project the company is involved with from project development through to installation and project delivery. 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 photoluminescent Low Location Lighting 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 photoluminescent 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 requirement of these guidelines, readings should be taken in at least ten locations equally spaced apart in the space. If more than 30% of the readings do not meet the requirements of these guidelines, the entire LLL system should be replaced.
If between 20% and 30% of the readings do not meet the requirements of these guidelines, the LLL system should be checked again in one year or may be replaced.

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.

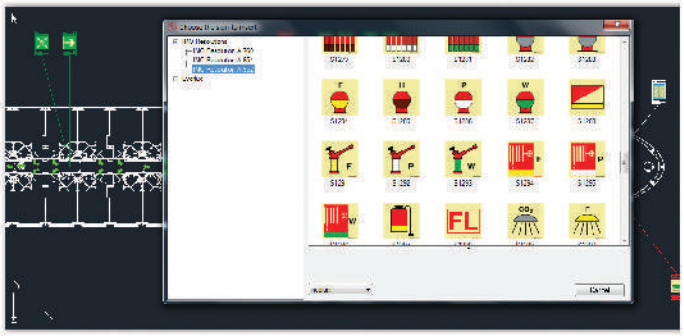
Everlux project maritime

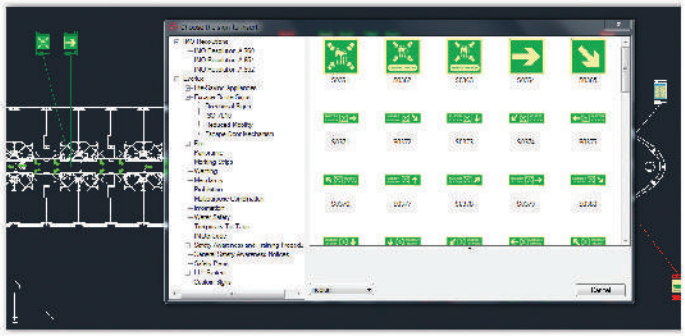
Everlux project maritime is a software support tool for the development of safety signage and Low Location Lighting (LLL) projects and respective bill of quantities. This tool facilitates the most adequate selection of safety signs and provides installation companies with the right technical documentation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

Everlux project maritime is available in two different versions: version 2.5 and version 2.5i. In terms of hardware both versions can be used with 64 bit processors. The 2.5 version works on AutoCAD (post 2008 versions except AutoCAD LT) and after its installation will automatically generate a tool bar with the Everlux project maritime menu.

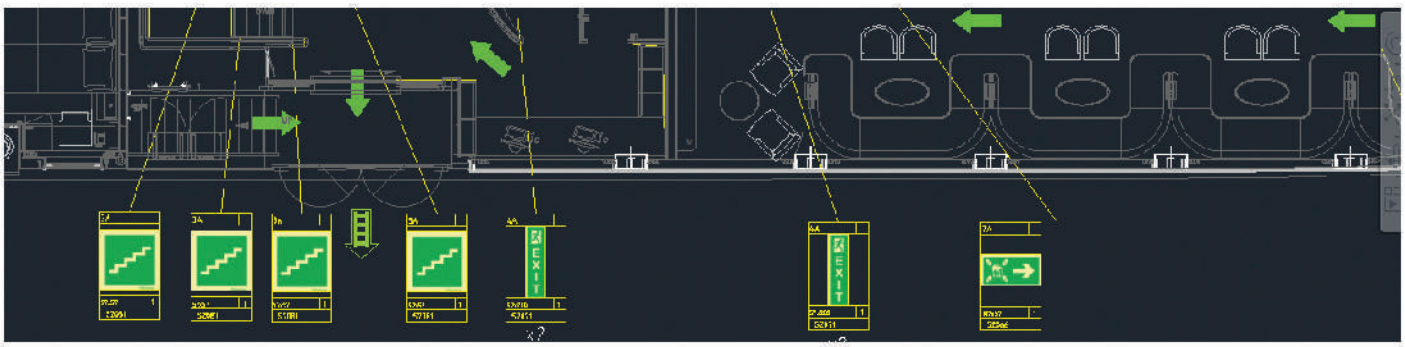
The 2.5i version is an independent application that allows the use of image files (type *.dxf; *.jpg; *.bmp; *.png) as the basis for the safety signage project.
Everlux project maritime is available for free download at: **www.everluxmaritime.com/en/downloads**

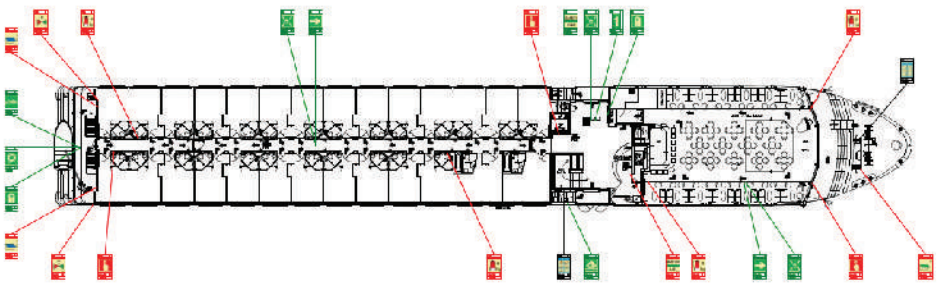
Quick life-safety and fire control plan development





Quick Low Location Lighting project development and automated BOQ creation





Low Location Lighting

Signs for wall marking at floor level

(mm)
107x57
158x83

The signs featured in this page can be supplied in photoluminescent rigid plastic, self-adhesive photoluminescent vinyl and transparent self-adhesive vinyl signs. 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.

S 20 03 S 20 04 S 20 05 S 20 06

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

S 20 07 S 20 08 S 20 09 S 20 10

S 20 01 S 20 02

(mm)
57x57
83x83

S 20 21 S 20 22 S 20 23 S 20 24 S 20 25 S 20 26 S 20 27 S 20 28 S 20 29

(mm)
57x57
83x83

S 20 41 S 20 42 S 20 43 S 20 44 S 20 45 S 20 46 S 20 47 S 20 48

S 20 49 S 20 50 S 20 51 S 20 52 S 20 53 S 20 54 S 20 55 S 20 56 S 20 57 S 20 58

(mm)
107x57
158x83

S 20 61

(mm)
107x57
158x83

S 20 65 S 20 66 S 20 67

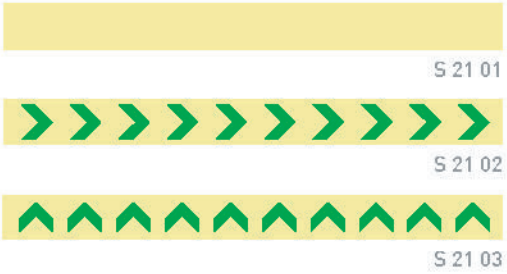
(mm)
57x200
83x300

S 20 71 S 20 72

(mm)
57x57
83x83

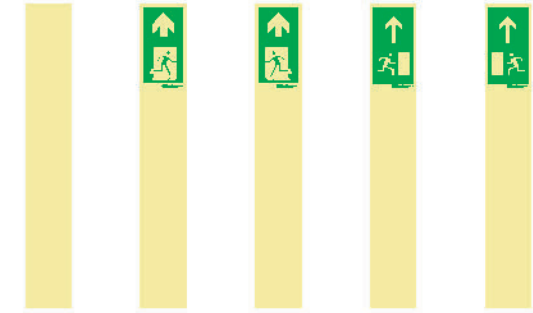
S 20 81 S 20 82

Strips for wall marking at floor level



(mm)
1000x35
1000x57
1000x83

Marking strips for walls and stair risers



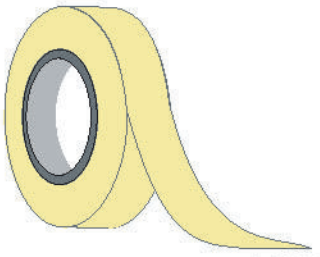
(mm)
800x57
800x83

Strips to identify doorways

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

Rolls for wall marking

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.



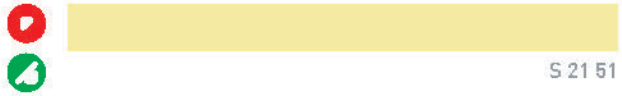
length (m)
10

width (mm)
35
57
83

Low Location Lighting

System for floor and stair marking

(mm)
1200x37
1200x57
1200x83

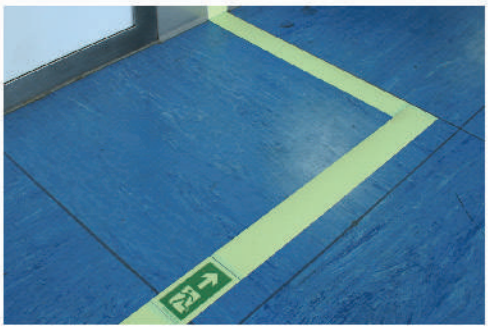

S 21 51


S 21 52


S 21 53

Non-slip self-adhesive marking strips


S 21 54

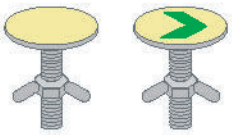


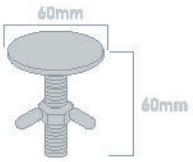
(mm)
107x57
158x83

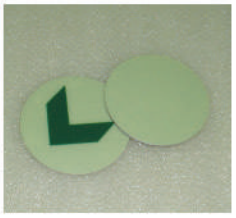
Non-slip self-adhesive signs


S 21 61 S 21 62 S 21 65 S 21 66

Everlux®-LLL discs


S 21 75 S 21 76



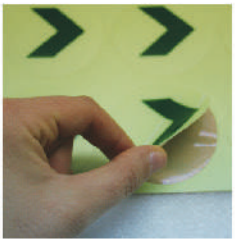


Discs for mesh metal floors
(1 box of 12 units)


S 21 77 S 21 78

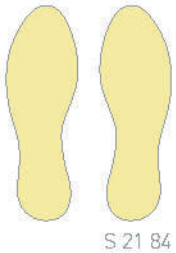
Non-slip self-adhesive discs for floors (1 sheet of 18 units)


S 21 79 S 21 80

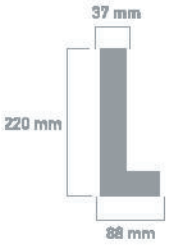


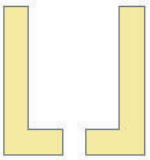
Everlux®-LLL Footprint silhouettes

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.


S 21 84

Non-slip self-adhesive "L" for stairs





S 21 85

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

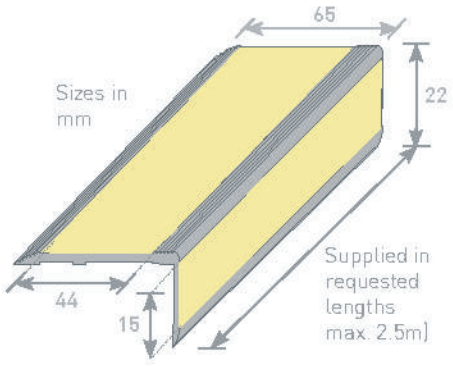
In every flight of steps, the limits of the first and the final steps should be fully signed. You should use the strips code S 21 51

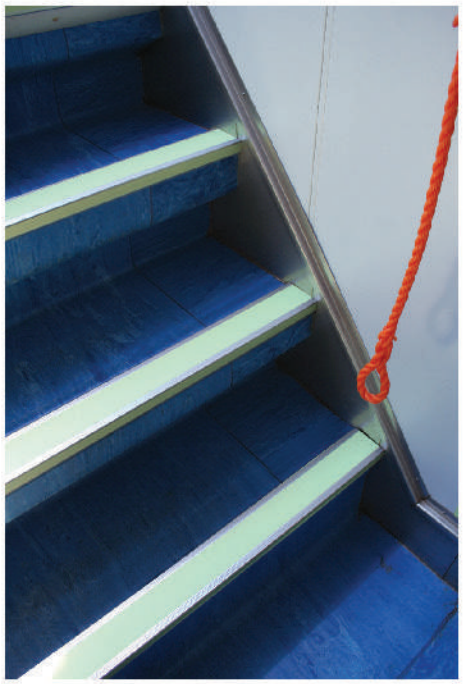
Stairnosing - protection for steps

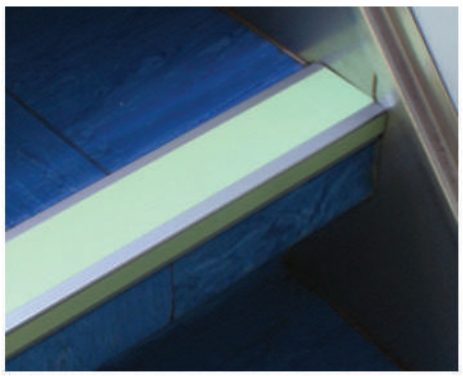
Aluminium framework developed for stair nosing protection. This product has anti-slip properties, even in situations where oil has been spilt, due to the grooves featured over the whole surface.
On the upper and front parts there are ® Everlux®-LLL photoluminescent polycarbonate strips which also have 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 0.3mm 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.







Protection for steps S 21 90

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

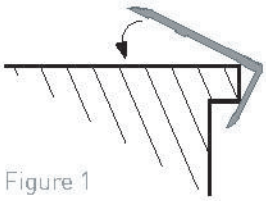


Figure 1

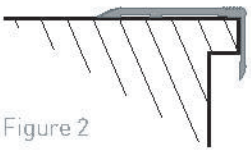


Figure 2

Panoramic signs

Fire equipment and evacuation

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

(*) Also available in this size


S 25 01


S 25 02


S 25 03


(*) S 25 11


S 25 12


S 25 13


S 25 14


S 25 15


S 25 16


(*) S 25 17


S 25 18


S 25 19

(mm)
150x200
200x300
300x400

S 25 61


S 25 71

S 25 72

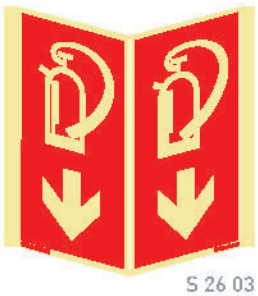
S 25 73

S 25 74

(mm)
100x200
150x300
200x400


S 26 01

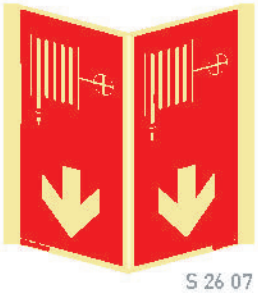

S 26 02


S 26 03


S 26 04

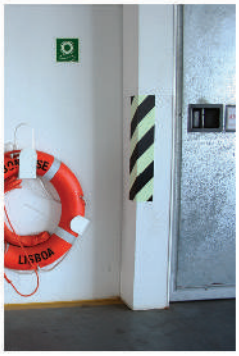

S 26 05

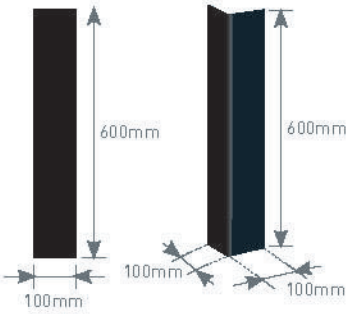

S 26 06

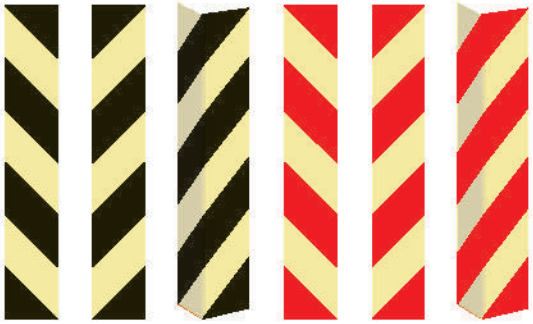

S 26 07


S 26 08

Photoluminescent marking strips to sign dangerous areas







S 27 01 S 27 02 S 27 03 S 27 04 S 27 05 S 27 06

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:

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

S 27 12

S 27 14

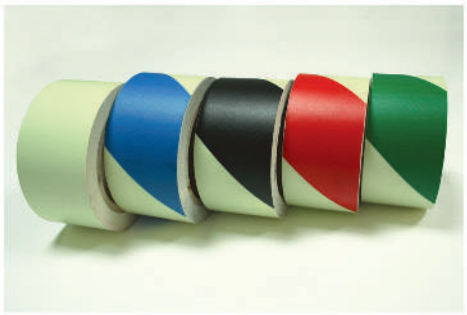
S 27 11

S 27 13

S 27 15

(mm)
1000x35
1000x57
1000x83

Photoluminescent rigid plastic strips



S 27 21 S 27 22 S 27 23 S 27 24 S 27 25

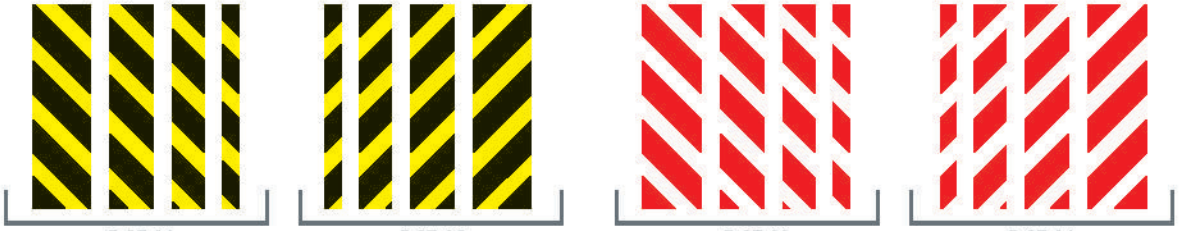
length (m)
10

width (mm)
35
57
83

Photoluminescent self adhesive vinyl

Self-adhesive reflective hazard warning strips to sign obstacles

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



S 27 31 S 27 32 S 27 33 S 27 34

(mm)
680x50
680x100
680x150
680x200

⚠ Warning signs

General warning signs

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

(*) Also available in this size

S 30 01 S 30 02 S 30 03 S 30 04 S 30 05 S 30 06

S 30 07 S 30 08 (*) S 30 09 S 30 10 S 30 11 S 30 12

(mm)
300x100
400x150

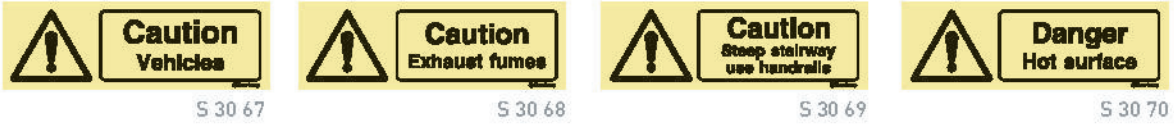
S 30 51 S 30 52 S 30 53 S 30 54

S 30 55 S 30 56 S 30 57 S 30 58

S 30 59 S 30 60 S 30 89 S 30 61

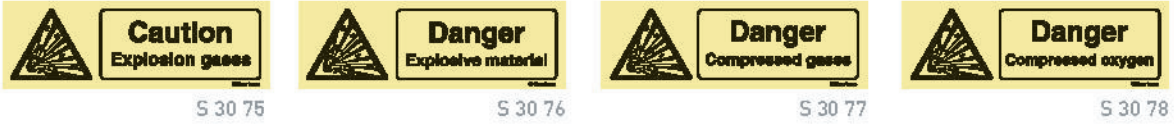
S 30 62 S 30 63 S 30 64 S 30 65

S 30 86 S 30 87 S 30 88 S 30 66



S 30 67 S 30 68 S 30 69 S 30 70

S 30 71 S 30 72 S 30 73 S 30 74



S 30 75 S 30 76 S 30 77 S 30 78

S 30 79 S 30 80 S 30 81 S 30 82

S 30 83 S 30 84 S 30 85 S 30 90

General warning signs


(*) S 31 01


S 31 02


S 31 03


S 31 04


S 31 05


S 31 06

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

(*) Also available in this size


S 31 07


(*) S 31 08


S 31 09


S 31 10


S 31 11


S 31 12

(mm)
300x100
400x150

S 31 51

S 31 52

S 31 53

S 31 54

S 31 55

S 31 56

S 31 57

S 31 58

S 31 59

S 31 60

S 31 61

S 31 62

S 31 63

S 31 64

S 31 87

S 31 65

S 31 66

S 31 67

S 31 68

S 31 69

S 31 70

S 31 71

S 31 72

S 31 73

S 31 74

S 31 75

S 31 76

S 31 88

S 31 89

S 31 90

S 31 77

S 31 78

S 31 79

S 31 80

S 31 91

S 31 92

S 31 93

S 31 94

S 31 95

S 31 96

S 31 97

S 31 98

⚠ Warning signs

General warning signs

(mm)
300x100
400x150

S 31 99

S 32 00

S 31 81

S 31 82

S 31 83

S 31 84

S 31 85

S 31 86

Deck, engine room and galley warning signs

(mm)
100x100
150x150
200x200


S 32 01


S 32 31

(mm)
300x100
400x150

S 30 55

S 32 12

S 32 13

S 30 54

S 32 15

S 32 16

S 30 71

S 32 56

S 30 70

S 32 60

S 32 61

S 32 62

S 31 81

S 32 18

S 32 58

S 30 79

S 30 80

S 30 81

S 30 83

S 32 59

Accommodation warning signs

(mm)
300x100
400x150

S 32 71

S 32 72

S 32 73

S 32 74

S 32 75

S 32 76

S 32 77

(mm)
73x200

S 32 91

S 32 92

S 32 93

S 32 94

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

Fire and watertight door signs

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

(*),(**) 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

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

Mandatory signs

Personal protective equipment signs

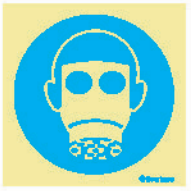
(mm)
100x100
150x150
200x200
300x300(*)

(*) Also available in this size


(*) S 35 01


(*) S 35 02


(*) S 35 03


(*) S 35 04


(*) S 35 05


(*) S 35 06


(*) S 35 07


S 35 08

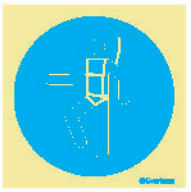

S 35 09


S 35 10


S 35 11


S 35 12


(*) S 35 13


S 35 14


(*) S 35 15

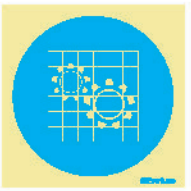

(*) S 35 16


S 35 17


(*) S 35 18


S 35 19


S 35 20


S 35 21


S 35 22

Personal protective equipment signs

(*) S 35 51

S 35 52

(*) S 35 53

(*) S 35 54

S 35 60

S 35 61

(*) S 35 55

S 35 62

S 35 63

S 35 56

S 35 64

(*) S 35 57

(*) 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 75

(*) S 35 76

S 35 77

S 35 78

(*) S 35 79

S 35 80

(*) S 35 81

S 35 82

S 35 83

S 35 88

[mm]
300x100
400x150
(*)600x200
(*) Also available in this size

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

Mandatory signs

Personal protective equipment signs

(mm)
300x100
400x150

S 35 89

S 35 90

S 35 91

S 35 84

S 35 92

S 35 85

ISPS Code mandatory signs

(mm)
300x100
400x150

S 36 01

S 36 02

S 36 03

S 36 04

S 36 05

S 36 06

S 36 07

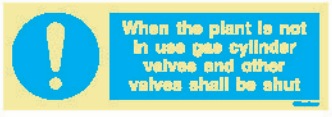
S 36 08

Deck and engine room mandatory signs

(mm)
300x100
400x150

S 36 11

S 36 12



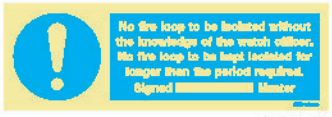
S 36 13

S 36 14

S 36 16

S 36 17

S 36 18



S 36 19

S 36 20

S 36 21

S 36 22

S 35 93

S 35 94

S 35 95

S 35 96

S 35 97

Galley mandatory signs

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

(mm)
300x100
400x150
600x200

Accommodation signs

S 36 81

(mm)
300x100
400x150
600x200

S 36 82

S 36 83

S 36 84

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

Prohibition signs

Signs to prohibit dangerous actions

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

(*) Also available in this size


(*) S 38 01


(*) S 38 02


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

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 55

S 38 56

S 38 57

S 38 73

S 38 74

S 38 75

(*) S 38 58

(*) S 38 59

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

S 38 70

S 38 71

S 38 72

S 38 76

Prohibiting dangerous behaviour limits potential risks

Prohibition signs

Signs to prohibit dangerous actions

(mm)
300x100
400x150

S 39 51

S 39 52

S 39 53

S 39 54

S 39 55

S 39 56

S 39 57

S 39 58

S 39 59

S 39 60

S 39 61

S 39 62

S 39 63

S 39 64

S 39 65

S 39 66

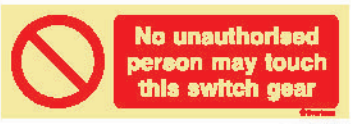
S 39 67

S 39 68

Prohibiting dangerous behaviour limits potential risks

S 39 69

S 39 70



S 39 71

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

Deck and engine room prohibition signs

(mm)
300x100
400x150

S 39 91

S 39 65

S 38 57

S 38 65

S 39 95

Galley prohibition signs

(mm)
300x100
400x150

S 40 01

S 40 02

S 40 03

S 40 04

Accommodation prohibition signs

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

(*) Also available in this size

(*) S 40 11

S 40 12

S 40 13

S 40 14

S 40 15

S 40 17

S 40 16

S 40 18

S 40 19

S 40 20

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

Multipurpose combination signs

Multiple signage for danger, prohibition and obligation

(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

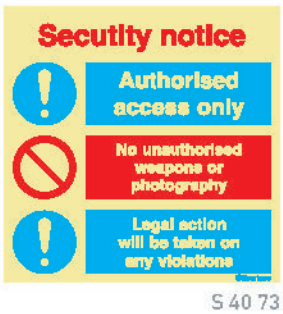
S 40 65

(mm)
300x400

S 40 71

S 40 72

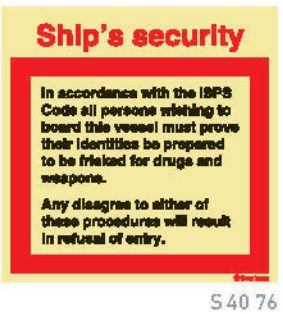
(mm)
300x300



S 40 73

S 40 74

S 40 75



S 40 76

Multiple signage for danger, prohibition and obligation

(mm)
300x300

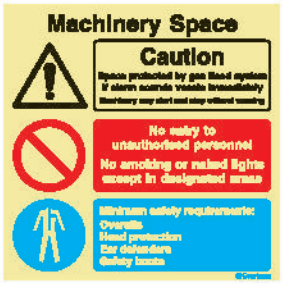
S 40 81

(mm)
300x300

S 41 01

S 41 02

S 41 03

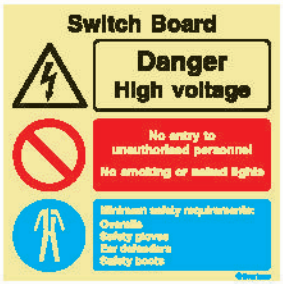


S 41 04

S 41 05

S 41 06

S 41 07



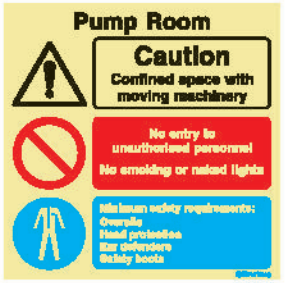
S 41 08

S 41 09

S 41 10

S 41 11

S 41 12



S 41 13

Information signs

Safety signs according 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

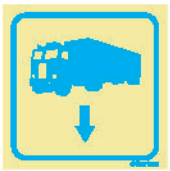
(mm)
150x150
200x200
300x300
400x400


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

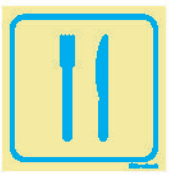

S 42 65


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

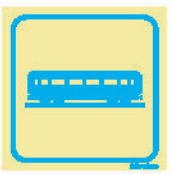

S 42 76


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

(**) S 42 26

(*) S 42 27

[mm]
(*) 150x30
(**) 300x30

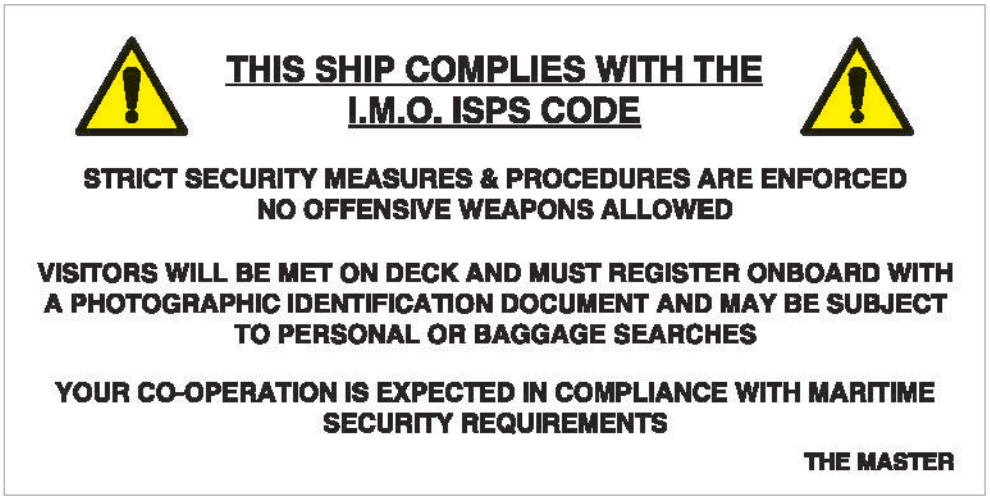
(*) (**) Only available in this size

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

ISPS Code signs

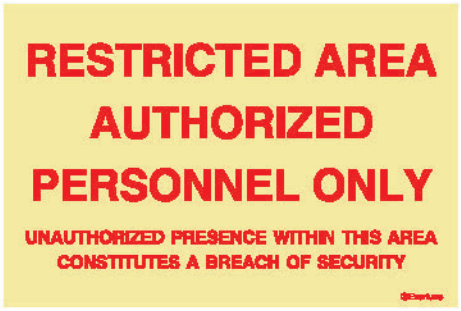
ISPS compliant notices

(mm)
900x450



S 42 30

(mm)
300x200



S 42 31

CCTV signs

(mm)
150x150(*)
200x300(**)

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

(**) S 42 40

(*) S 42 41

(*) S 42 42

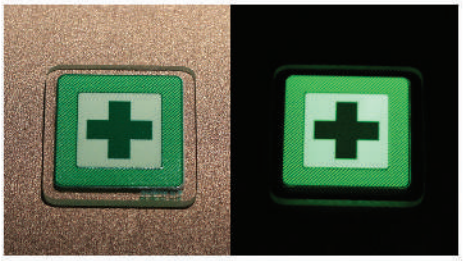
(mm)
300x100

S 42 43

excellence safety signs for super yachts

excellence by ⊛ is a safety signage solution that creates an harmonious co-existence between the sign elements and the upscale environment, emphasising on the aesthetics and decorative style of the vessels. The structure of every excellence by ⊛ sign is comprised of top quality and innovative materials.
This sign range is distinct from other safety signs as the use of coloured pigments allows both the pictogram and the background coulours to be visible in the dark. excellence by ⊛ is a patented product.

(mm)
60x60




S 43 21

S 43 22

S 43 23


S 43 24


S 43 25

S 43 26

S 43 27

S 43 28


S 43 01


S 43 29


S 43 02


S 43 30


S 43 03


S 43 04


S 43 05


S 43 06


S 43 07


S 43 31


S 43 32


S 43 08


S 43 09


S 43 34


S 43 10


S 43 11


S 43 12


S 43 13


S 43 35


S 43 36


S 43 37

S 43 38


S 43 39

Safety signs for super yachts

excellence safety signs for super yachts

(mm)
60x60

S 43 14


S 43 15


S 43 16

S 43 17


S 43 18

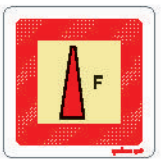

S 43 19


S 43 20

S 43 80

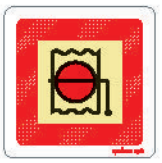

S 43 81


S 43 82



S 43 83


S 43 84


S 43 85


S 43 86


S 43 87


S 43 88


S 43 89


S 43 90


S 43 92


S 43 93


S 43 94

S 43 95

Life-saving appliances, fire, mandatory and prohibition signs

(mm)
50x50


S 43 51

S 43 52

S 43 53


S 43 54


S 43 55


S 43 56

S 43 57


S 43 58


S 43 59

S 43 60

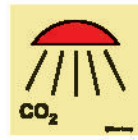

S 43 61


S 43 62

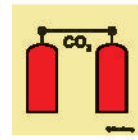

S 43 63

S 43 64

S 43 65



S 43 66


S 43 67

S 43 68

Photoluminescent safety signs, in smaller dimension, according to MCA Large Commercial Yacht Code (LY2).

S 43 69

S 43 70

S 43 71

S 43 72

S 43 73

S 43 74

S 43 75

S 43 76

(mm)
150x50

S 43 91

Offshore wind - safety signs

The Offshore Wind Industry has significantly expanded in the recent past. This is a unique industry with specific structures and vessels where service technicians and crews face equally unique hazards. The Everlux photoluminescent safety signs for the Offshore Wind Industry are the ideal solution to identify them.

Warning signs

S 44 01

S 44 02

S 44 03

S 44 04

(mm)
Diam. 80

Self-adhesive signs supplied in sheets of 12 units

S 44 11

(mm)
300x100

S 44 12

S 44 13

S 44 14

S 44 15

S 44 16

S 44 17

Only available in self-adhesive vinyl

S 44 32

S 44 33

(mm)
base 150
base 200

Only available in self-adhesive vinyl

S 44 36

(mm)
200x300
300x400

Only available in rigid plastic and aluminium

Offshore wind - safety signs

Prohibition signs

(mm)
Diam. 80

Self-adhesive sign supplied in sheets of 12 units

S 44 39

(mm)
300x100

Only available in self-adhesive vinyl

S 44 40

S 44 41

S 44 42

(mm)
200x200

Magnetic sign

S 44 49

Mandatory and personal protective equipments signs

(mm)
Diam. 80

Self-adhesive signs supplied in sheets of 12 units

S 44 52

S 44 53

S 44 54

S 44 55

S 44 56

S 44 57

(mm)
300x100

Only available in self-adhesive vinyl

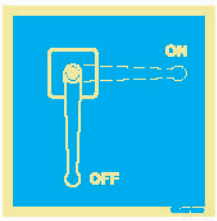
S 44 58

Signs for manually operated devices

(mm)
150x150
200x150(*)

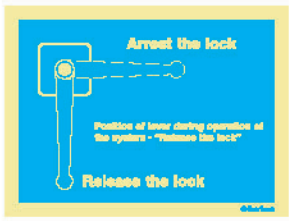
(*) Only available in this size

Only available in self-adhesive vinyl



S 44 61

S 44 62



(*) S 44 63

Emergency, fire and prohibition signs

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

S 02 26

S 16 01

S 38 03

Only available in self-adhesive vinyl

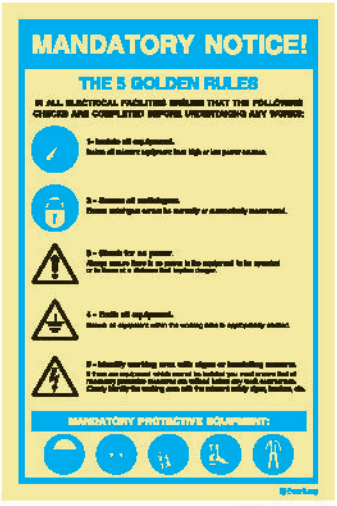
Safety procedures

S 44 70

S 44 73

(mm)
200x300

Only available in self-adhesive vinyl



(*) S 44 76

S 44 77

(mm)
200x150
(*)200x300

(*) Only available in this size

Only available in self-adhesive vinyl

Offshore wind - safety signs bilingual cross reference table

Supplementary texts in the following languages:			
EN	NO - EN	NL - EN	ES - EN
S4411	S4418	S4425	S4405
S4412	S4419	S4426	S4406
S4413	S4420	S4427	S4407
S4414	S4421	S4428	S4482
S4415	S4422	S4429	S4483
S4416	S4423	S4430	S4484
S4417	S4424	S4431	S4485
S4433	S4434	S4435	S4486
S4436	S4437	S4438	S4487
S4440	S4443	S4446	S4488
S4441	S4444	S4447	S4489
S4442	S4445	S4448	S4490
S4449	S4450	S4451	S4491
S4458	S4459	S4460	S4492
S4461	S4464	S4467	S4493
S4462	S4465	S4468	S4494
S4463	S4466	S4469	S4495
S4470	S4471	S4472	S4496
S4473	S4474	S4475	S4497
S4476	S4478	S4480	S4498
S4477	S4479	S4481	S4499

The Everlux safety signs for the Offshore Wind Industry are available in several bilingual supplementary text options: NO - EN, NL - EN and ES - EN. If you wish to order these signs in any of the bilingual options please refer to the item code cross reference table and use the respective sign code in your purchase order.

Water safety signs

Safety signs for water parks, swimming pools and beaches

Safety signage in water parks is very important due to the increase in the number of these infra-structures as well as the related number of serious accidents occuring in these areas. Safety signs should be used in water activity areas in order to alert its users to the rules in place and to any potential hazards, thereby consequently prevent dangerous behaviour. These signs are in compliance with ISO 20712-1 and BS 5499-11.

Our water safety signs are manufactured in 3mm thick white aluminium composite material and feature an anti-graffiti protective clear film. This film also provides signs with effective protection for outdoor installations, humid environments or in the presence of water containing a strong acid or alkaline content (eg: lime and chlorine).

Prohibition signs

(mm)
200x200
300x300
400X400(*)

(*) Also available in this size

(*) S 45 01

(*) S 45 02

(*) S 45 03

(*) S 45 04

S 45 05

(*) S 45 06

(*) S 45 07

(*) S 45 08

(*) S 45 09

(*) S 45 10

S 45 11

(*) S 45 12

(*) S 45 13

S 45 14

(*) S 45 15

(*) S 45 16

(*) S 45 17

S 45 18

S 45 19

Warning signs


S 45 51


S 45 52


S 45 53


S 45 54


S 45 55


S 45 56


S 45 57


S 45 58


S 45 59


S 45 60


S 45 61


S 45 62


S 45 63


(*) S 45 64


S 45 65


S 45 66


S 45 67


S 45 68

(mm)
(*)200x200
300x300

(*) Also available in this size

Mandatory signs


S 45 81


S 45 82


S 45 83


S 45 84

(mm)
200x200
300x300

Information signs


S 45 91


(*) S 45 92


S 45 93


S 45 94

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

(*) Also available in this size

Temporary tie tags

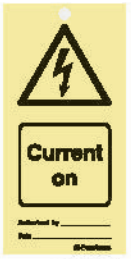
Warning sign tags

(mm)
75x150

S 47 01

S 47 02

S 47 03



S 47 04

S 47 05

S 47 06

S 47 07

S 47 08

S 47 09

S 47 10

S 47 11

All the Everlux® tie tags have a clear protective film which provides them with a rewritable feature

Prohibition sign tags

(mm)
75x150

S 47 51

S 47 52

S 47 53

S 47 54

S 47 55

S 47 56

S 47 57

S 47 58

S 47 59

S 47 60

S 47 61

S 47 62

S 47 63

Mandatory sign tags

(mm)
75x150

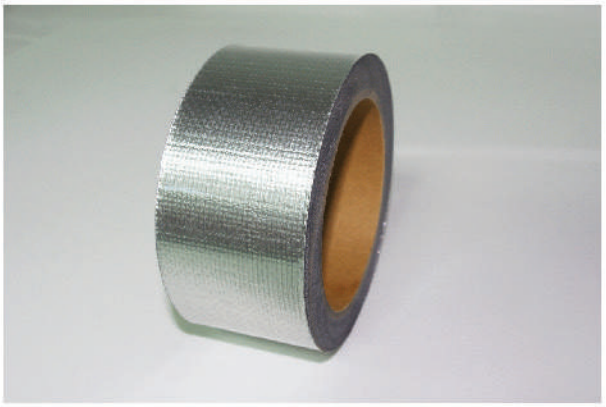
S 47 81

S 47 82

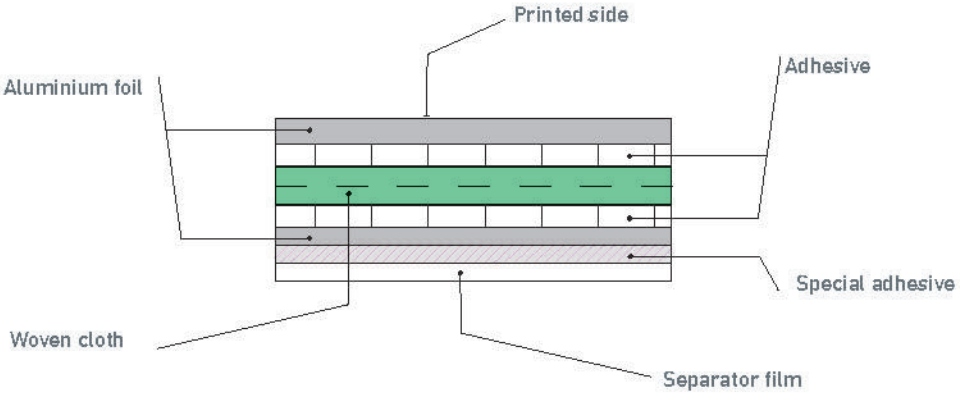
Anti-splashing tape

Anti-Splashing Tape Model N° 888FN was designed to protect pipeline installations against leakage and splashing of fuel oil, lube oil and other flammable oils. This tape is used for applications in the marine and offshore industries in screening of pipe joints, valves and fittings in accordance with SOLAS Consolidated Edition, 2004, Chapter II-2/ Regulations 4, item 2.2.5.3.

The Anti-Splashing Tape Model N° 888FN is available in tape format of various sizes versions and an adhesive agent is applied on one side and covered by separator film to ensure easy installation.



Tape components:



Aluminium foils are superimposed on both sides of the glass woven cloth together with a special acrylic adhesive agent to form a laminate structure.
The tape has the ship classification societies' logos printed on its surface to ensure the market of its full compliance with SOLAS regulations.

Specification of tape [1]	
For use:	On pipes and joints for heavy fuel oil
Maximum temperature:	424° K (150 °C)
Maximum pressure:	3.0 MPa (30 bar)
Approved pressure:	1.5 MPa (15 bar)

[1] Reference - Details of approval by Lloyd's Register(LR)

Availability	
Reference:	Size (Width x Length) /Roll
S 51 00	25mm x 10m
S 51 01	35mm x 10m
S 51 02	50mm x 10m
S 51 03	100mm x 10m
S 51 04	140mm x 10m
S 51 05	250mm x 10m
S 51 06	500mm x 10m

Pipe content identification

Pipe identification colour-coded tape according to ISO 14726: 2008

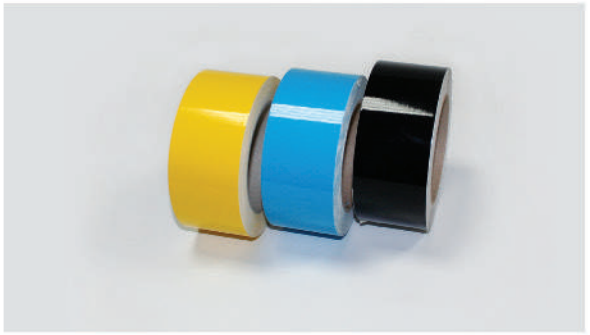
length (m)
25

width (mm)
50

The ®Everlux® marking solution for piping systems is available in single colour (main colour which indicates a group of similar media) self-adhesive vinyl rolls.

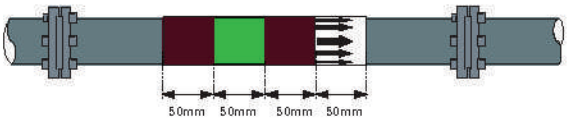
Medium	Colour		Item code
Waste media	Black		S 50 01
Fresh water	Blue		S 50 02
Fuel	Brown		S 50 03
Sea water	Green		S 50 04
Non-flammable gases	Grey		S 50 05
Air and sounding pipes	Maroon		S 50 06
Oils other than fuels	Orange		S 50 07
Steam	Silver		S 50 08
Fire fighting	Red		S 50 09
Acids, alkalis	Violet		S 50 10
Air in ventilation systems	White		S 50 11
Flammable gases	Yellow		S 50 12
Flow arrows	-		S 50 00

These self-adhesive vinyl rolls can be combined (additional colour) in order to attain the colour coding that identifies each specific content.



Installation Points: Pipelines should be marked at least once in each room; at each penetration point in bulkheads, walls and decks; close to each valve; within a distance of 3m to 5m of the length of the pipeline whereby local conditions may require more marking due to pipe bends or the close proximity of pipes for different services.

Waste Media	Colours	Item codes
Black water		S 50 01 - S 50 02 - S 50 01
Waste oil/used oil		S 50 01 - S 50 03 - S 50 01
Bilge water		S 50 01 - S 50 04 - S 50 01
Exhaust gas		S 50 01 - S 50 05 - S 50 01
Grey water		S 50 01 - S 50 11 - S 50 01
Sewage, contaminated		S 50 01 - S 50 12 - S 50 01



Recommended sizes

Sea water	Colours	Item codes
Decontamination water		S 50 04 - S 50 02 - S 50 04
Sea water, sanitary		S 50 04 - S 50 03 - S 50 04
Ballast water		S 50 04 - S 50 10 - S 50 04
Cooling sea water		S 50 04 - S 50 12 - S 50 04

Fresh Water	Colours	Item codes
Fresh water, sanitary		S 50 02 - S 50 03 - S 50 02
Potable water		S 50 02 - S 50 04 - S 50 02
Distillate		S 50 02 - S 50 05 - S 50 02
Gas-turbine wash water		S 50 02 - S 50 07 - S 50 02
Feed water		S 50 02 - S 50 08 - S 50 02
Cooling fresh water		S 50 02 - S 50 10 - S 50 02
Chilled water		S 50 02 - S 50 11 - S 50 02
Condensate		S 50 02 - S 50 12 - S 50 02

Pipe identification colour-coded tape according to ISO 14726: 2008

Non-flammable gases	Colours	Item codes
Oxygen		S 50 05 - S 50 02 - S 50 05
Inert gas		S 50 05 - S 50 03 - S 50 05
Nitrogen		S 50 05 - S 50 04 - S 50 05
Refrigerant		S 50 05 - S 50 06 - S 50 05
Compressed air LP (Low pressure)		S 50 05 - S 50 07 - S 50 05
Compressed air HP (High pressure)		S 50 05 - S 50 09 - S 50 05
Control air/regulating air		S 50 05 - S 50 10 - S 50 05
Breathing air*		S 50 05 - S 50 11 - S 50 05
Breathing gas*		S 50 05 - S 50 12 - S 50 05
* This marking is used in submarines for distribution systems of breathing air from cylinders.		

Steam	Colours	Item codes
Steam for heating purposes		S 50 08 - S 50 01 - S 50 08
Driving steam		S 50 08 - S 50 04 - S 50 08
Exhaust steam		S 50 08 - S 50 11 - S 50 08
Supply steam		S 50 08 - S 50 12 - S 50 08

Air and sounding pipes	Colours	Item codes
Waste media		S 50 06 - S 50 01 - S 50 06
Fresh water		S 50 06 - S 50 02 - S 50 06
Fuel		S 50 06 - S 50 03 - S 50 06
Sea water		S 50 06 - S 50 04 - S 50 06
Non-flammable gases		S 50 06 - S 50 05 - S 50 06
Oils other than fuels		S 50 06 - S 50 07 - S 50 06
Steam		S 50 06 - S 50 08 - S 50 06
Fire fighting		S 50 06 - S 50 09 - S 50 06
Acids, alkalis		S 50 06 - S 50 10 - S 50 06
Ventilation system		S 50 06 - S 50 11 - S 50 06
Flammable gases		S 50 06 - S 50 12 - S 50 06

Oils other than fuels	Colours	Item codes
Thermal fluid		S 50 07 - S 50 02 - S 50 07
Lubrication oil for gas turbines		S 50 07 - S 50 04 - S 50 07
Hydraulic fluid		S 50 07 - S 50 05 - S 50 07
Lubrication oil for steam turbines		S 50 07 - S 50 08 - S 50 07
Lubrication oil for gears		S 50 07 - S 50 10 - S 50 07
Lubrication oil for internal combustion engines		S 50 07 - S 50 12 - S 50 07

Fuel	Colours	Item codes
Heavy fuel oil (HFO)		S 50 03 - S 50 01 - S 50 03
Aviation fuel		S 50 03 - S 50 02 - S 50 03
Biological fuel		S 50 03 - S 50 10 - S 50 03
Gas-turbine fuel		S 50 03 - S 50 11 - S 50 03
Marine diesel oil (MDO)		S 50 03 - S 50 12 - S 50 03

Fire fighting/ fire protection	Colours	Item codes
Fire-fighting water		S 50 09 - S 50 04 - S 50 09
Fire-fighting gas		S 50 09 - S 50 05 - S 50 09
Sprinkler water		S 50 09 - S 50 07 - S 50 09
Spray water		S 50 09 - S 50 10 - S 50 09
Fire-fighting powder		S 50 09 - S 50 11 - S 50 09
Fire-fighting foam		S 50 09 - S 50 12 - S 50 09

Air in ventilation systems	Colours	Item codes
Discharge air		S 50 11 - S 50 01 - S 50 11
Mechanical supply air, cold		S 50 11 - S 50 02 - S 50 11
Natural exhaust air		S 50 11 - S 50 03 - S 50 11
Atmospheric air		S 50 11 - S 50 04 - S 50 11
Mechanical exhaust air		S 50 11 - S 50 05 - S 50 11
Decontaminated supply air		S 50 11 - S 50 06 - S 50 11
Mechanical recirculated air		S 50 11 - S 50 07 - S 50 11
Mechanical supply air, warm		S 50 11 - S 50 08 - S 50 11
Smoke clearance		S 50 11 - S 50 09 - S 50 11
Conditioned supply air		S 50 11 - S 50 10 - S 50 11
Natural supply air		S 50 11 - S 50 12 - S 50 11

Flammable gases	Colours	Item codes
Hydrogen		S 50 12 - S 50 02 - S 50 12
Acetylene		S 50 12 - S 50 05 - S 50 12
Liquid gas		S 50 12 - S 50 10 - S 50 12

Flow arrows	Colours	Item codes
Flow arrows		S 50 00

length (m)
25

width (mm)
50

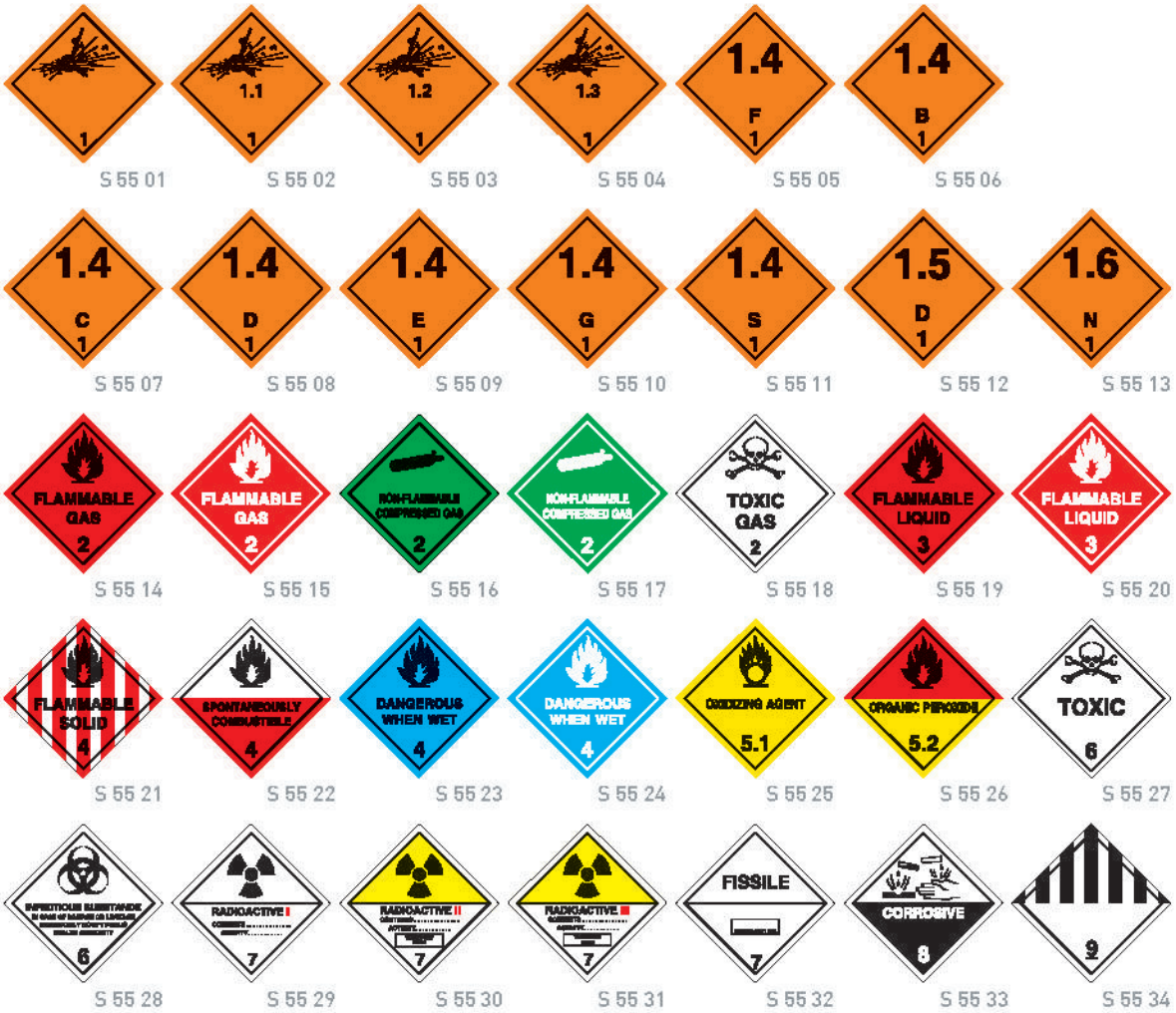
Signs according to the IMDG Code

Signs according to the IMDG Code specifications

The International Maritime Dangerous Goods (IMDG) Code has been developed to create a uniform international code for the transport of dangerous goods by sea. The IMDG Code became mandatory in January 2004 through the adoption of the amendments to SOLAS chapter VII (Carriage of Dangerous Goods).

Hazard warning signs with classification numbers

(mm)
100x100
200x200
250x250
300x300
400x400



Hazard warning signs with UN numbers

(mm)
100x100
200x200
250x250
300x300
400x400

Signs according to the IMDG Code

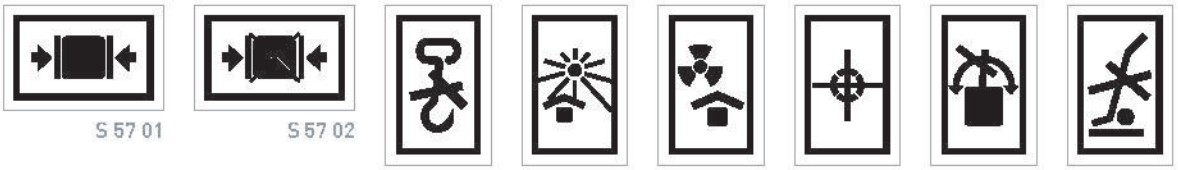
Hazard warning signs with UN numbers

S 56 51 S 56 52 S 56 53 S 56 54

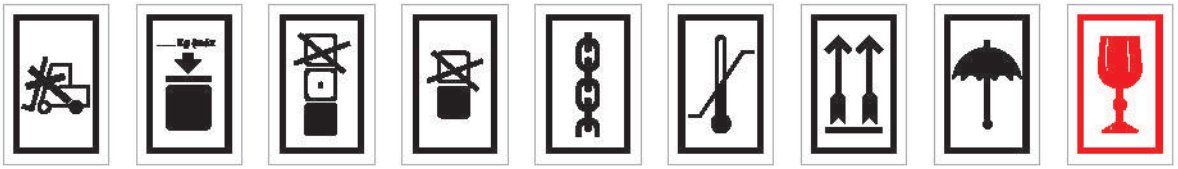
(mm)
100x100
200x200
250x250
300x300
400x400

S 56 55 S 56 56 S 56 57 S 56 58 S 56 59 S 56 60 S 56 61

Marking signs for packages



S 57 01 S 57 02 S 57 03 S 57 04 S 57 05 S 57 06 S 57 07 S 57 08



S 57 09 S 57 10 S 57 11 S 57 12 S 57 13 S 57 14 S 57 15 S 57 16 S 57 17

(mm)
100x150
150x200

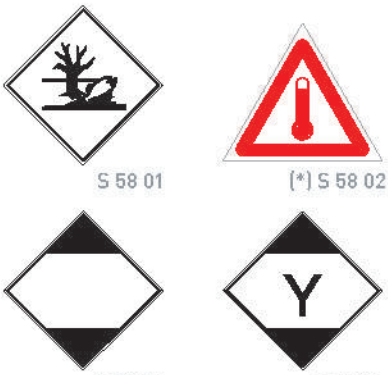
According to IMDG Code requirements:

Packages containing marine pollutants must be marked with this environmentally hazardous substance sign.

Cargo transport units containing liquid substances at a temperature ≥ 100°C or solid substances at a temperature ≥ 240°C must be marked with this sign.

Packages containing dangerous goods in limited quantities do not need to be labelled with the marine pollutant or UN Number signs but must be marked with this sign.

This sign is specified for marking packages containing dangerous goods in limited quantities destined for air transportation.



S 58 01 (*) S 58 02 S 58 03 S 58 04

(mm)
100x100
250x250
300x300
(*)base 300

(*) Only available in this size

According to IMDG Code requirements:

Special provisions applicable to fumigated cargo transport units – a fumigated cargo transport shall be marked with this warning sign.

Dangerous goods packed in excepted quantities – According to Chapter 3.5 of the IMDG Code all packages containing excepted quantities of dangerous goods must be marked with this sign (black or red colour).

S 59 11

S 59 12

(*) S 59 01

(mm)
100x100
250x250
(*)300x250

(*) Only available in this size

Safety awareness and training procedures

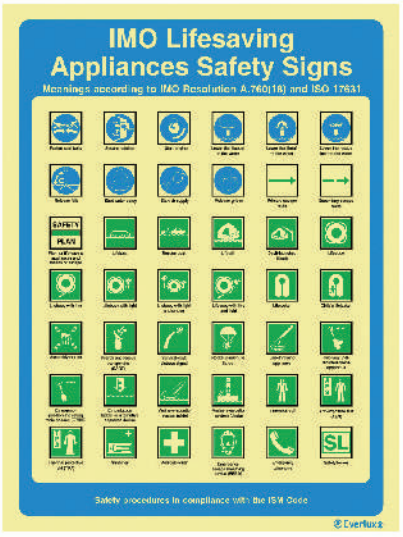
Info panels with sign symbols and meaning descriptions

The IMO International Safety Management (ISM) Code was developed with the aim of implementing safety practises at sea which would lead to the prevention of human injury or loss of life as well as the prevention of damage to the environment and property.

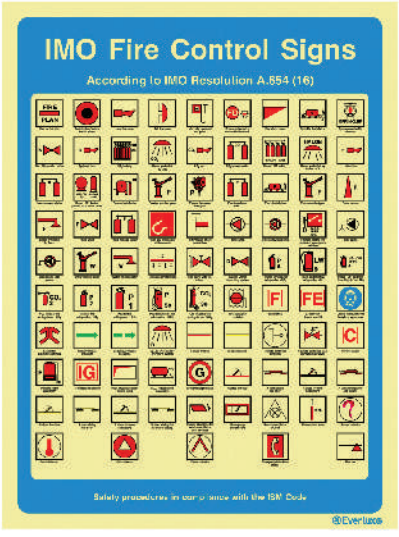
The ®Everlux® safety procedures are in compliance with the ISM Code and provide you with the necessary training and information requirements that must be displayed on board.

(mm)
300x400
400x600

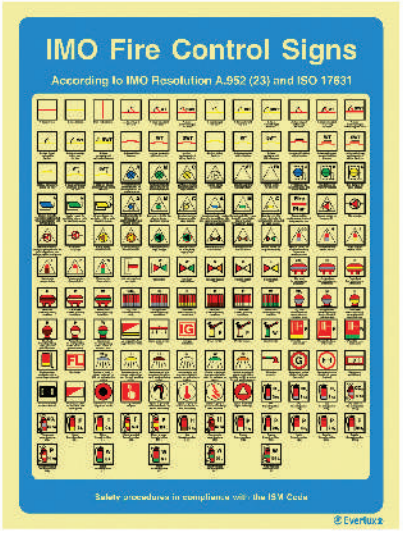
S 60 01



S 60 02



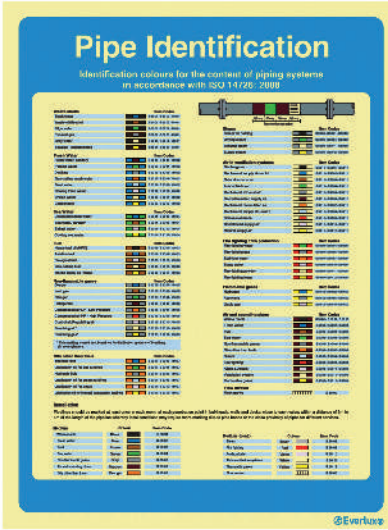
S 60 03



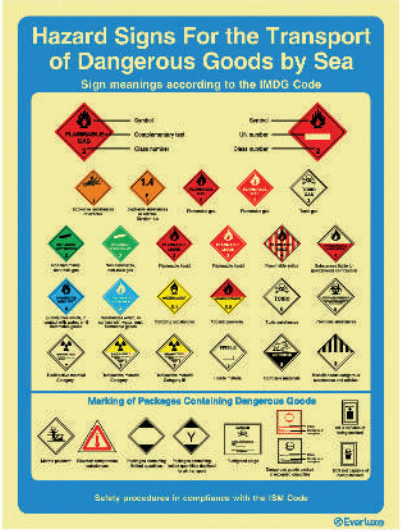
S 60 04

Info panels with sign symbols and meaning descriptions

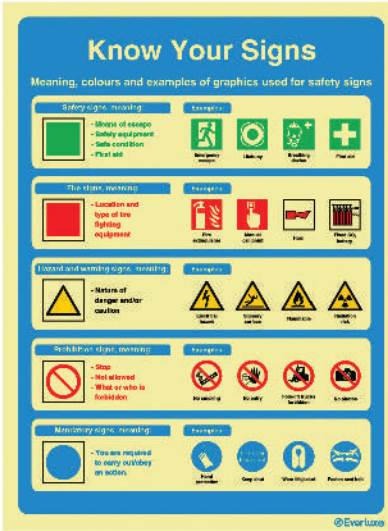
(mm)
300x400
400x600



S 60 05



S 60 06



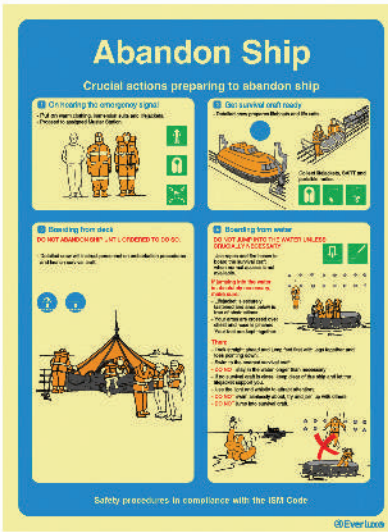
S 60 07

(*) S 60 08

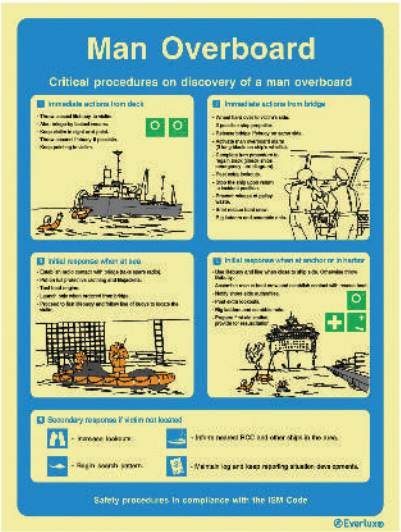
(*) This panel is only available in white rigid plastic and white self-adhesive vinyl.

Evacuation and life-saving safety procedures

(mm)
300x400
400x600



S 60 51



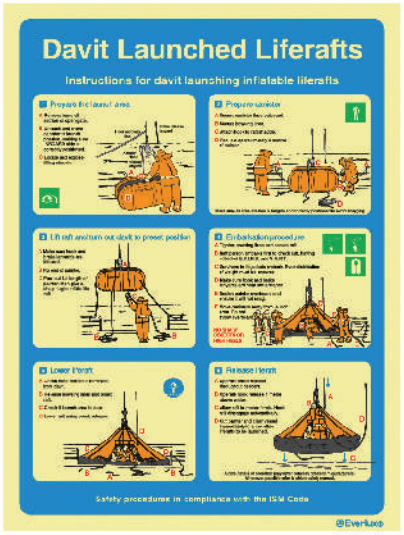
S 60 52

Safety awareness and training procedures

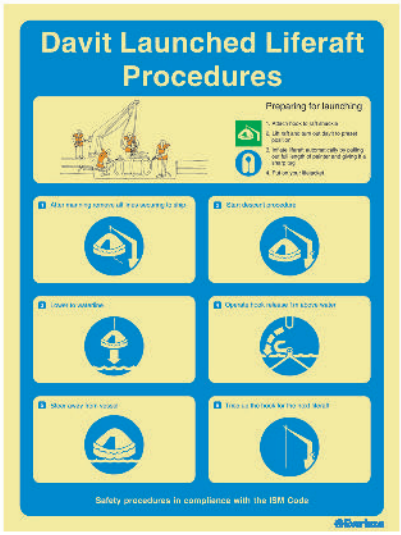
Evacuation and life-saving safety procedures

(mm)
300x400
400x600

S 60 53

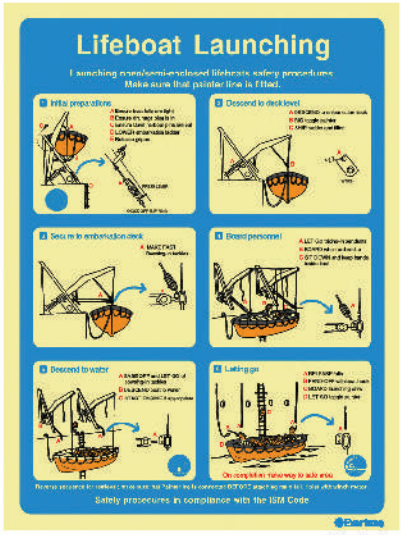


S 60 54

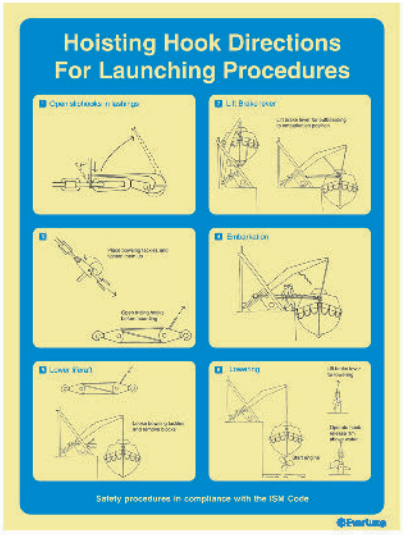


S 60 73

S 60 55



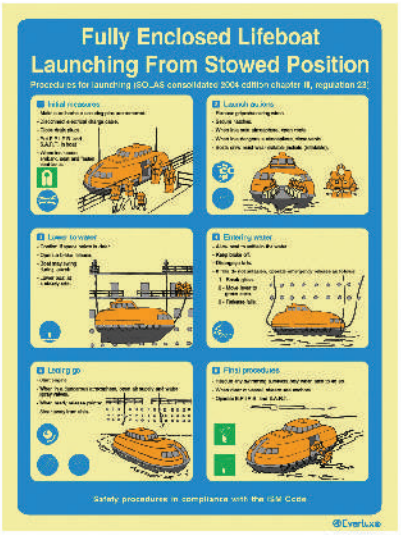
S 60 56



S 60 72

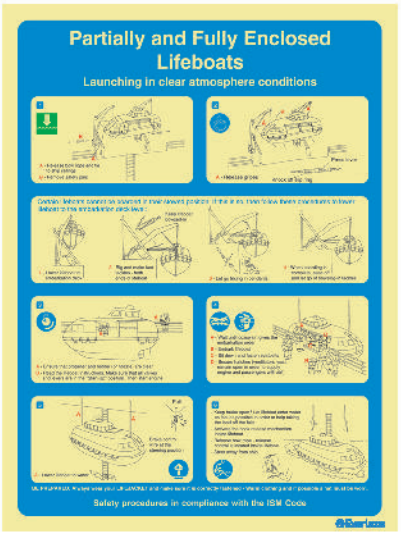
Evacuation and life-saving safety procedures

(mm)
300x400
400x600

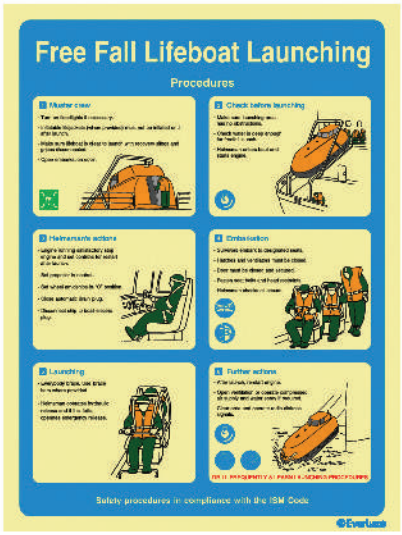


S 60 57

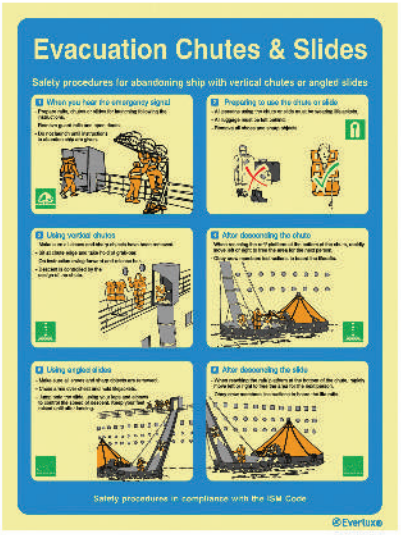
S 60 58



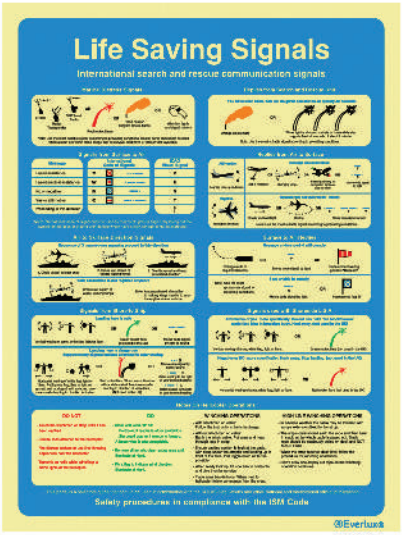
S 60 74



S 60 59



S 60 60

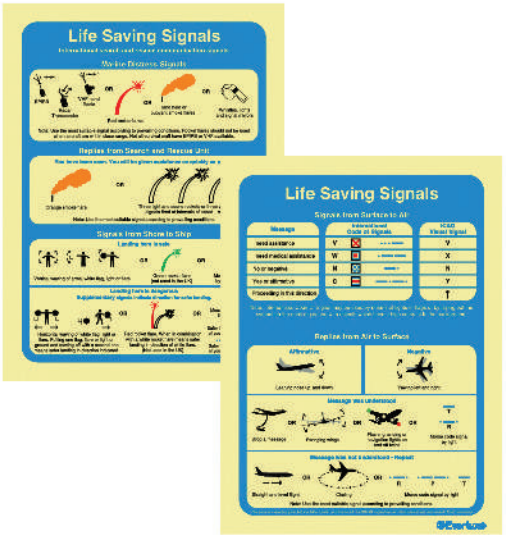


S 60 61

Safety awareness and training procedures

Evacuation and life-saving safety procedures

(mm)
150x200
200x300

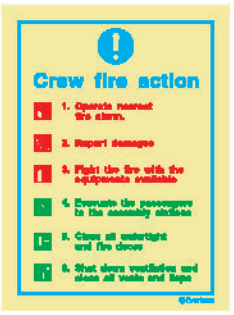


Item S 60 71 is a double sided panel

S 60 71

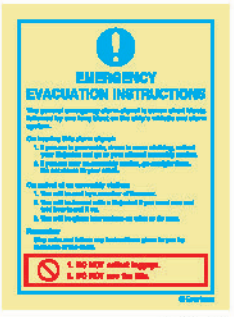
(mm)
150x200
200x300

S 61 01

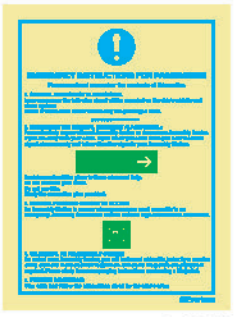


S 61 02

S 61 03



S 61 04

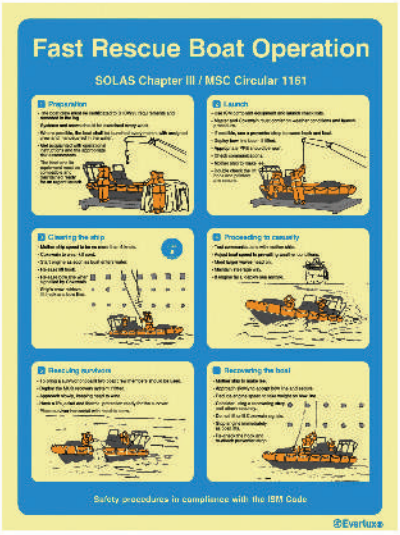


S 61 05

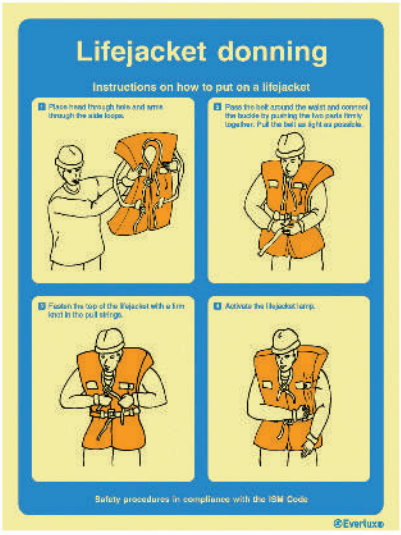
S 61 06

Evacuation and life-saving safety procedures

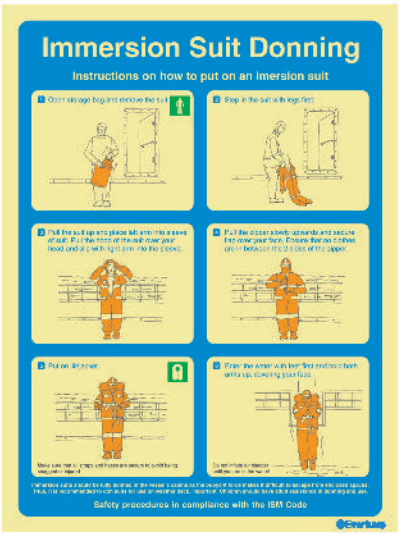
(mm)
300x400
400x600



S 61 21

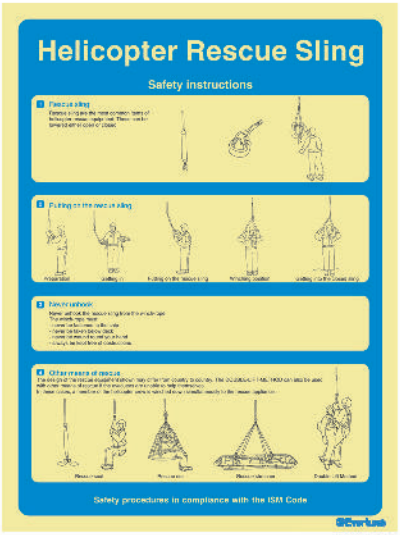


S 61 22

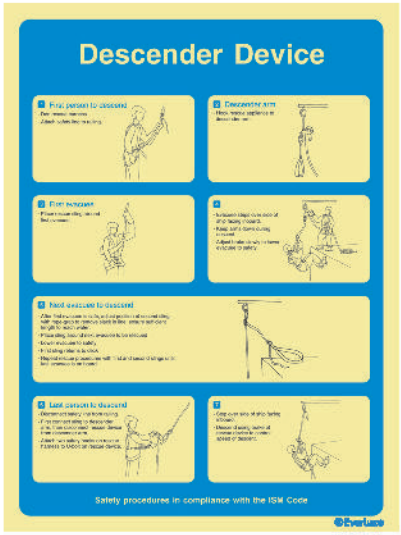


S 61 23

S 61 24



S 61 25



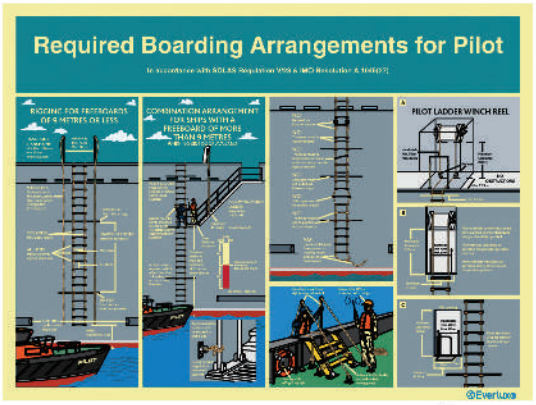
S 61 26

Safety awareness and training procedures

Navigation and harbour approach safety procedures

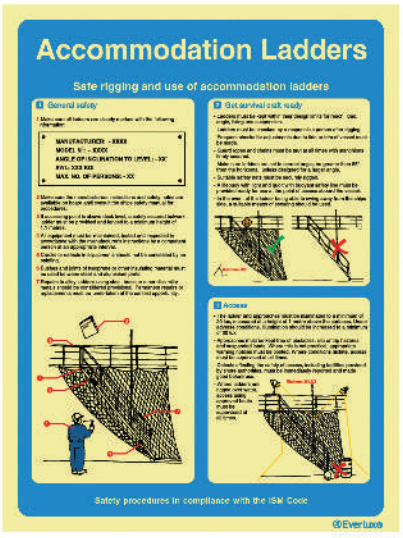
(mm)
300x400
400x600
400x300(*)
600x400(*)

(*) Only available in these sizes

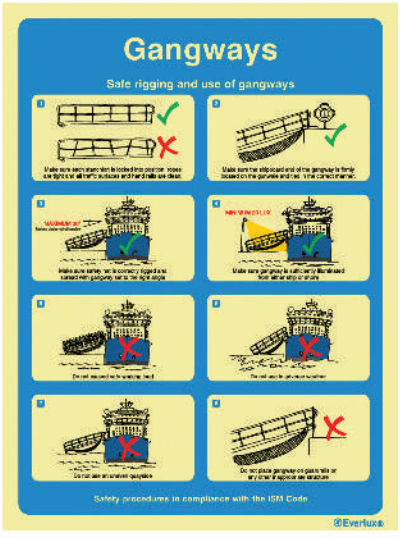


(*) S 62 00

S 62 02



S 62 03

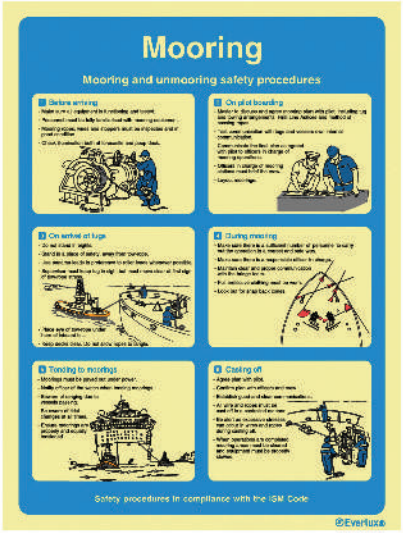


S 62 04

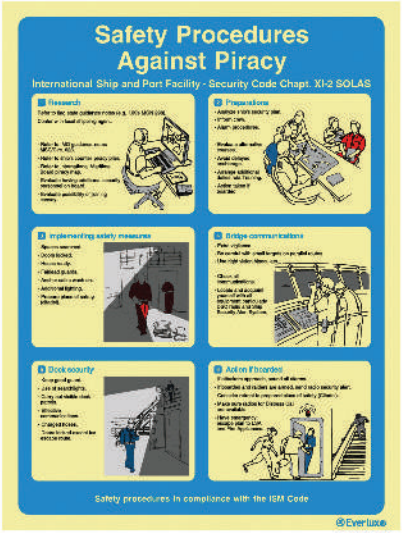
S 62 05

Navigation and harbour approach safety procedures

(mm)
300x400
400x600



S 62 06

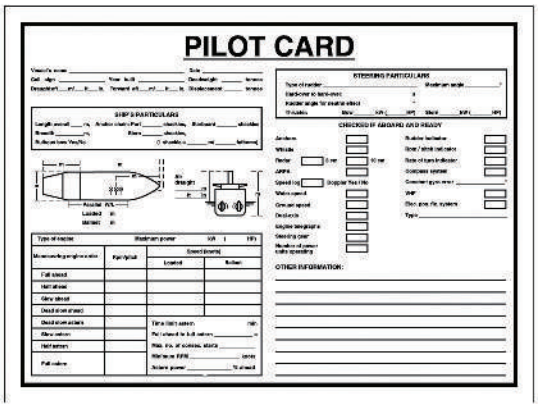


S 62 07

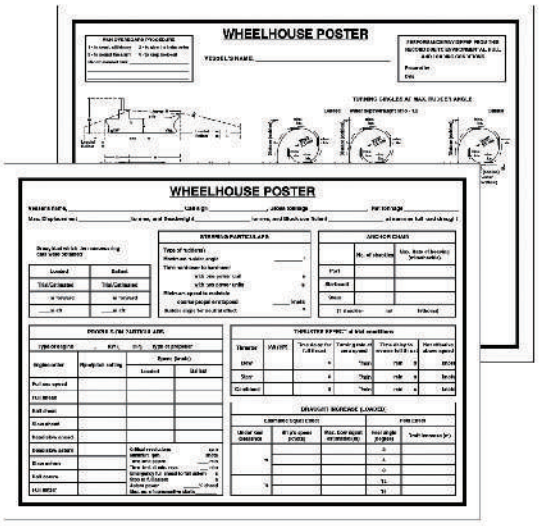
(mm)
400x300

The ©Everlux® Pilot and Wheelhouse cards are compliant with IMO Res. A601 (15) requirements

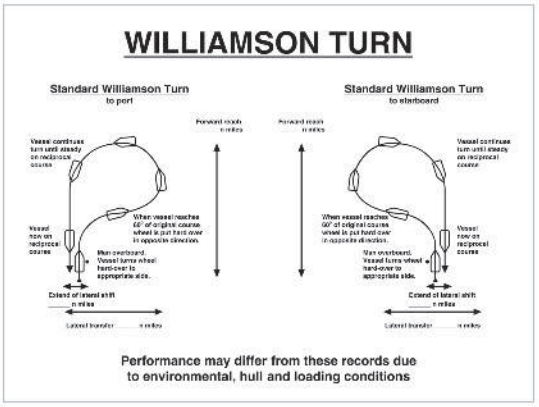
Item S 62 52 is a double sided panel



S 62 51



S 62 52



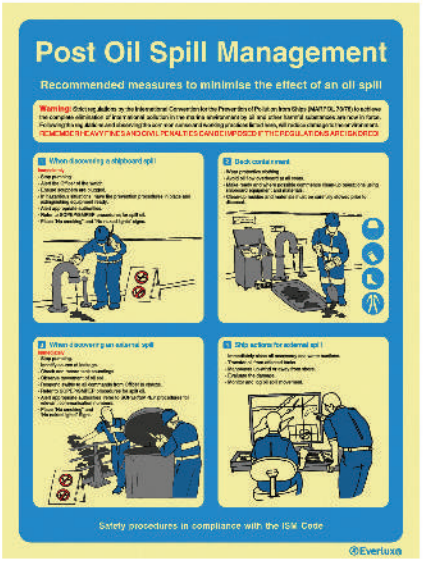
S 62 53

Safety awareness and training procedures

Health and safety operational procedures

(mm)
300x400
400x600

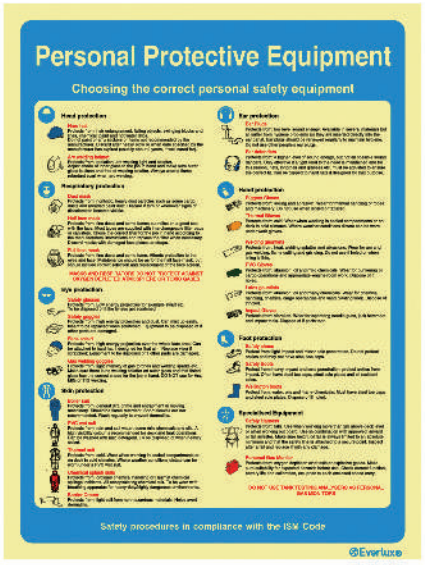
S 63 01



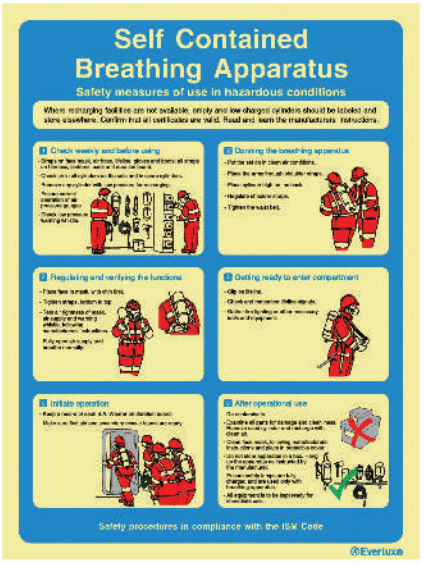
S 63 02

S 63 03

S 63 04



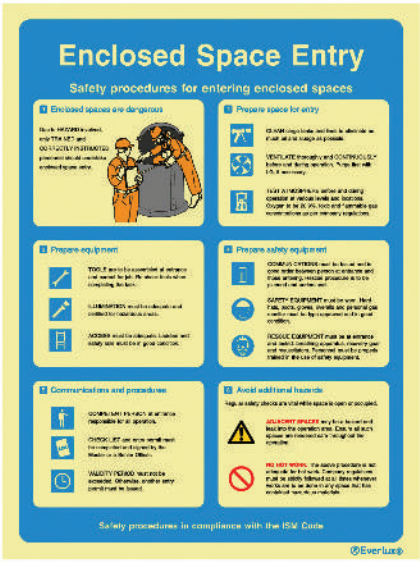
S 63 05



S 63 06

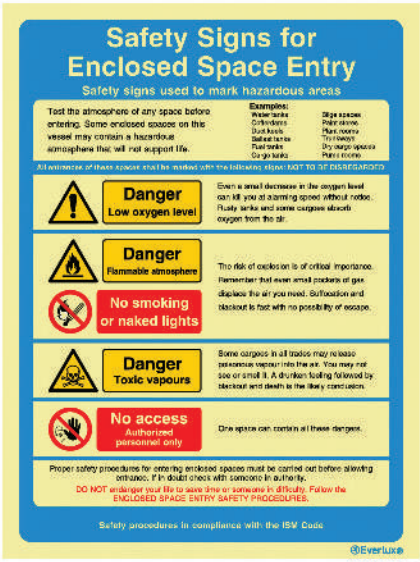
Health and safety operational procedures

(mm)
300x400
400x600

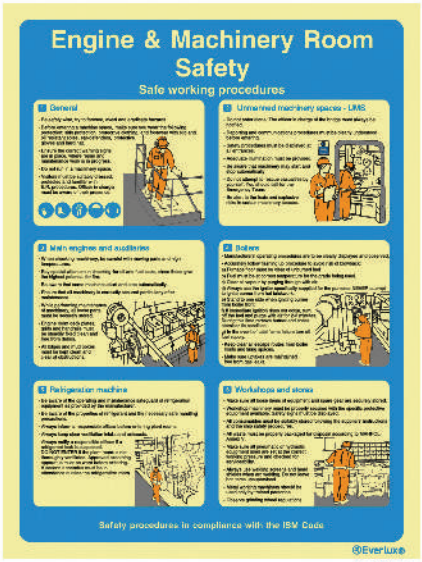


S 63 07

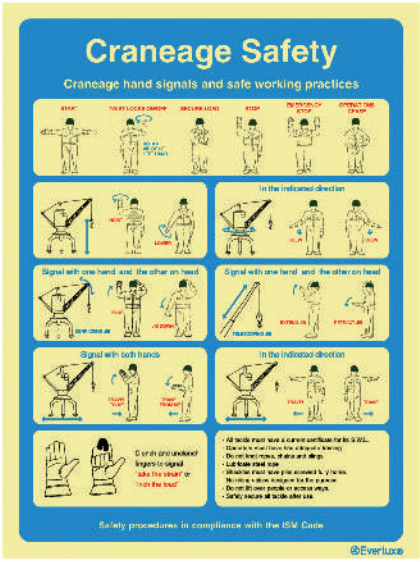
S 63 08



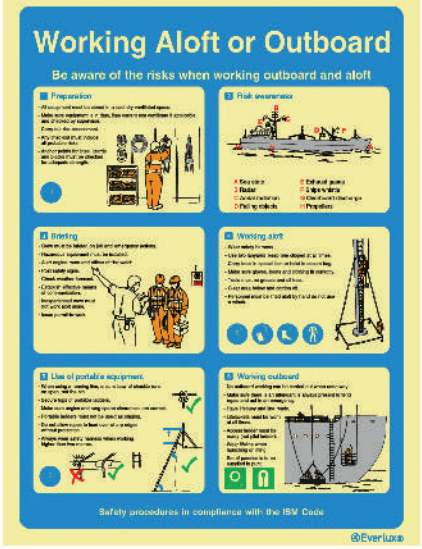
S 63 09



S 63 10



S 63 11

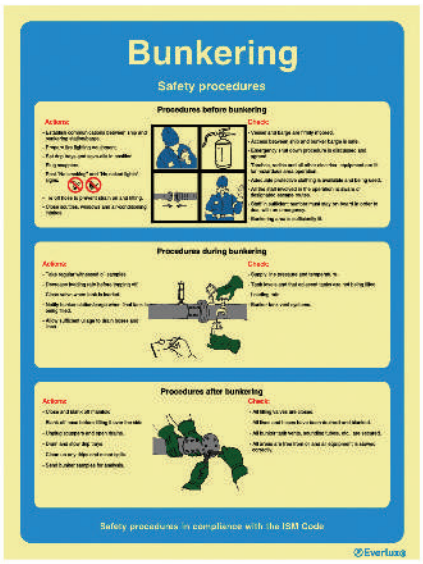


S 63 12

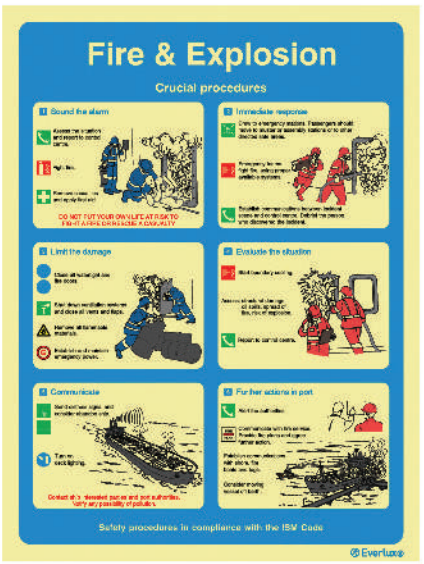
Safety awareness and training procedures

Health and safety operational procedures

(mm)
300x400
400x600

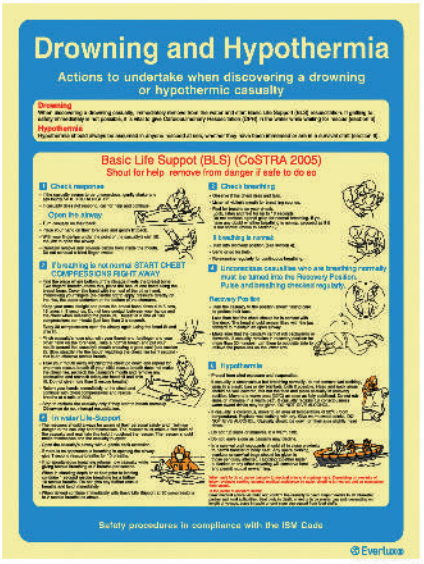


S 63 13

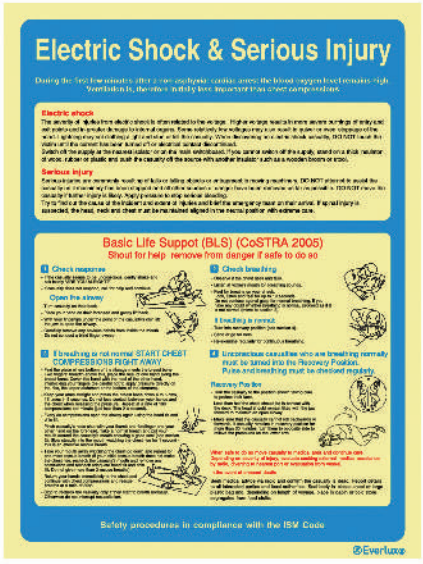


S 63 14

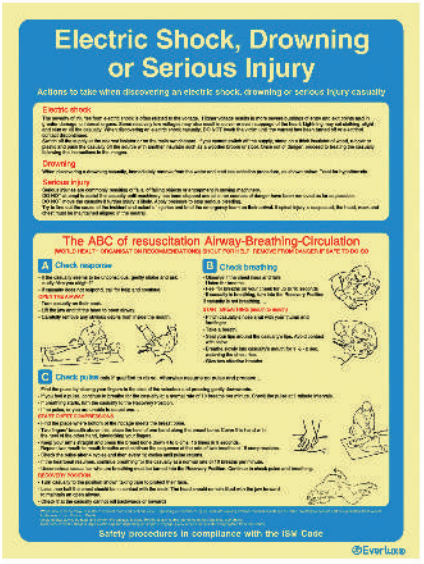
S 63 15



S 63 16



S 63 17



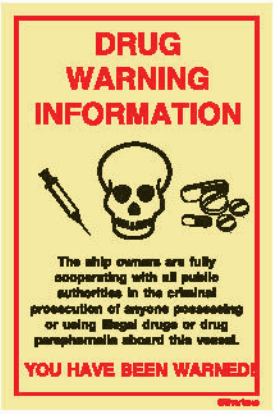
S 63 18

Health and safety operational procedures

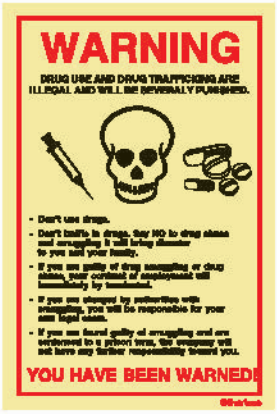
S 63 19

S 63 21

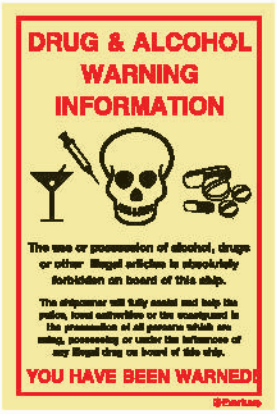
(mm)
300x400
400x600



S 63 62



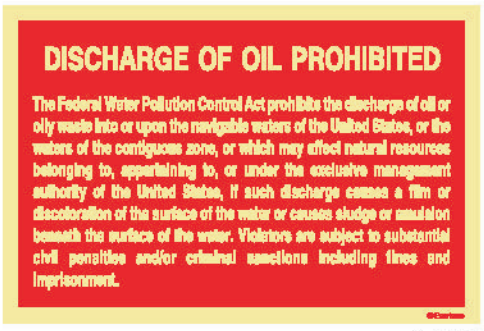
S 63 63



S 63 64

S 63 74

(mm)
150x200
200x300



S 63 71

(mm)
300x200

S 63 72

(mm)
400x200

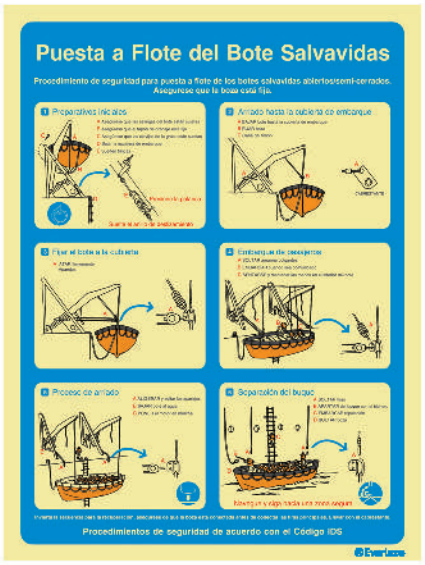
Safety awareness and training procedures

Safety awareness and training procedures - Spanish speaking crews

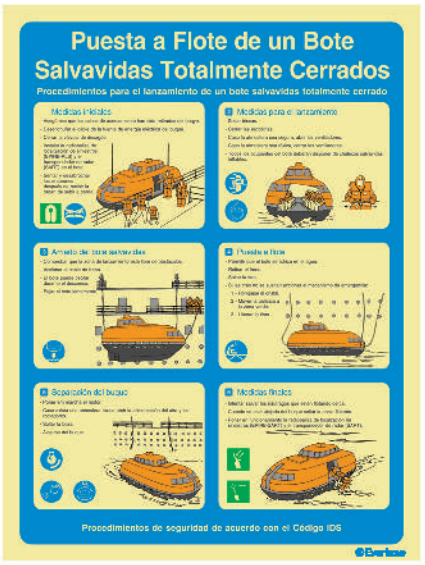
(mm)
300x400
400x600

S 64 01

S 64 02



S 64 03



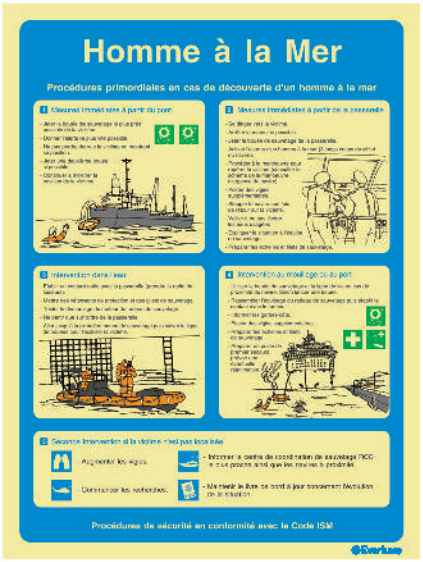
S 64 04

S 64 05

S 64 06

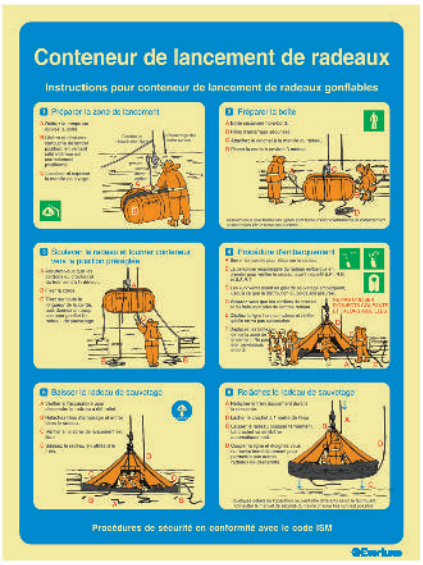
Safety awareness and training procedures - French speaking crews

(mm)
300x400
400x600



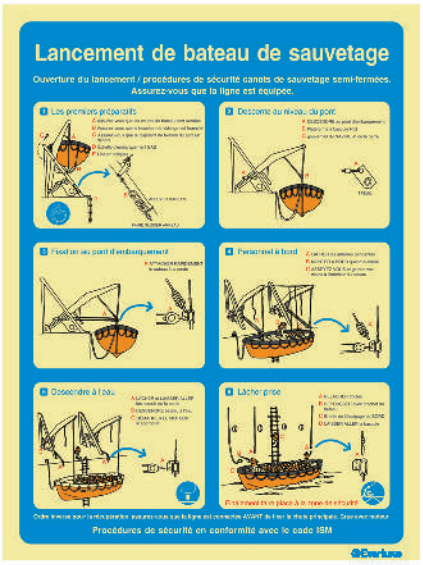
S 64 30

S 64 31

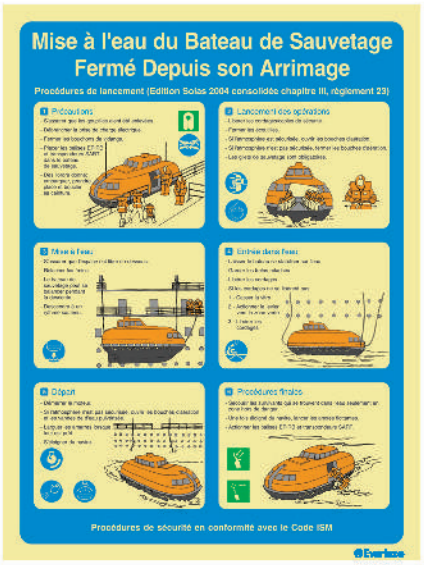


S 64 32

S 64 33



S 64 34

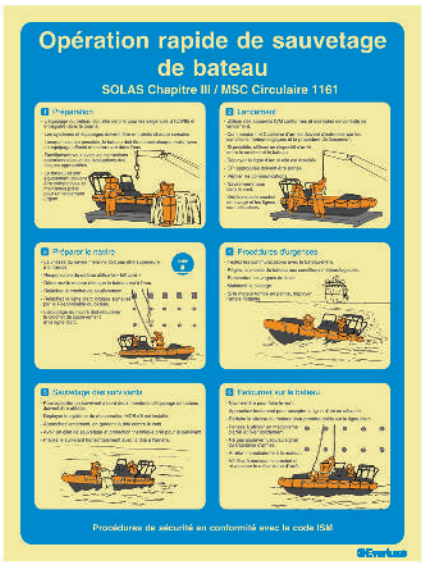


S 64 35

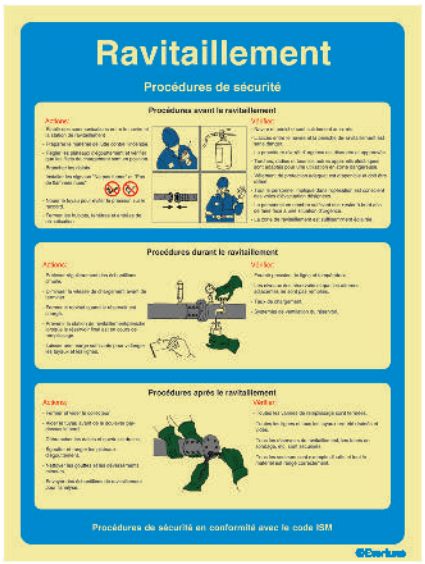
Safety awareness and training procedures

Safety awareness and training procedures - French speaking crews

(mm)
300x400
400x600



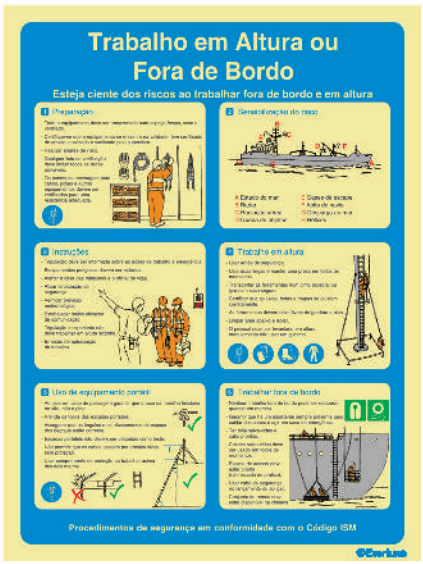
S 64 36



S 64 37

Safety awareness and training procedures - Portuguese speaking crews

(mm)
300x400
400x600



S 64 50

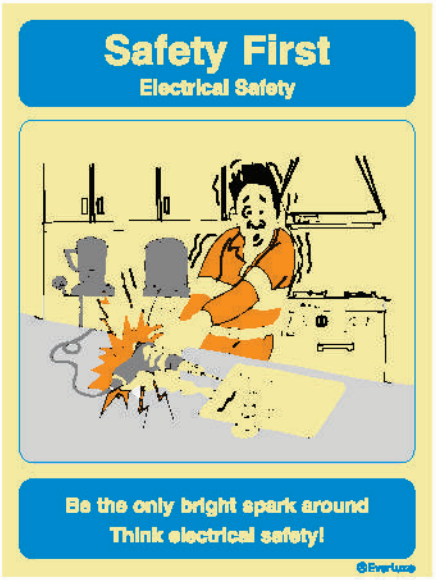
S 64 51

S 64 52

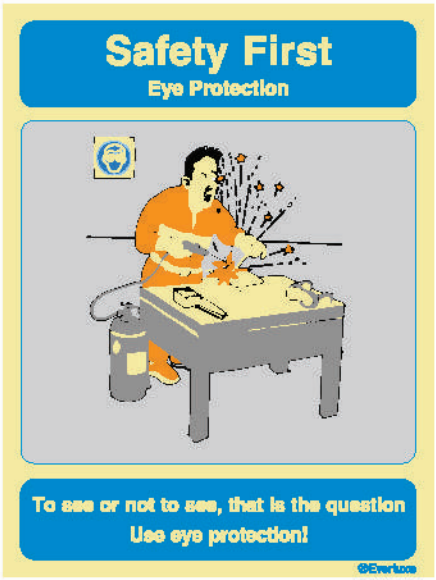
Safety awareness

(mm)
300x400
400x600

S 65 01

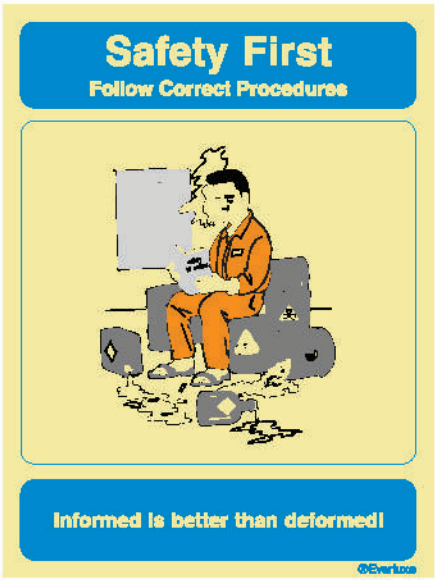


S 65 02

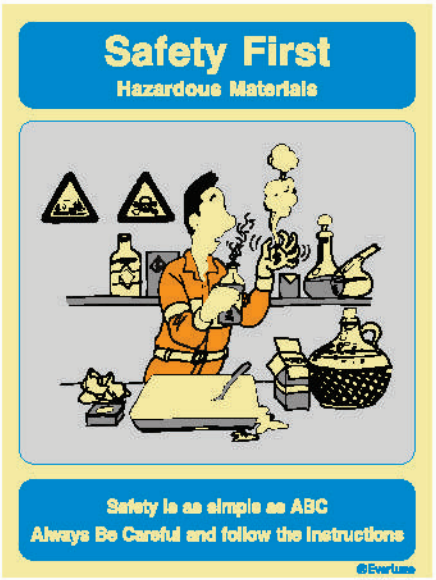


S 65 03

S 65 04



S 65 05



S 65 06

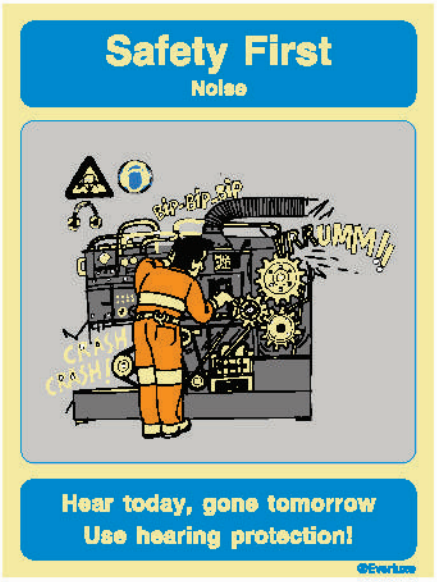
General safety awareness notices

Safety awareness

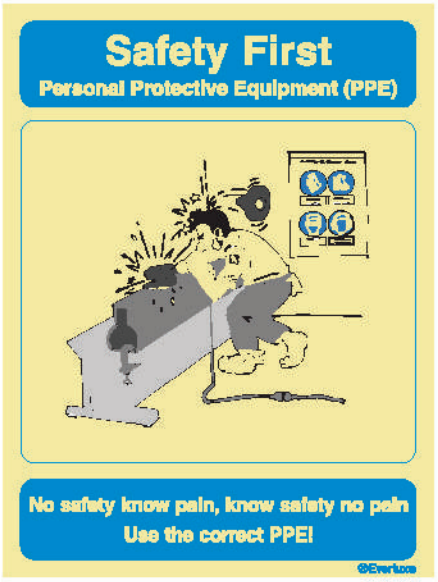
(mm)
300x400
400x600

S 65 07

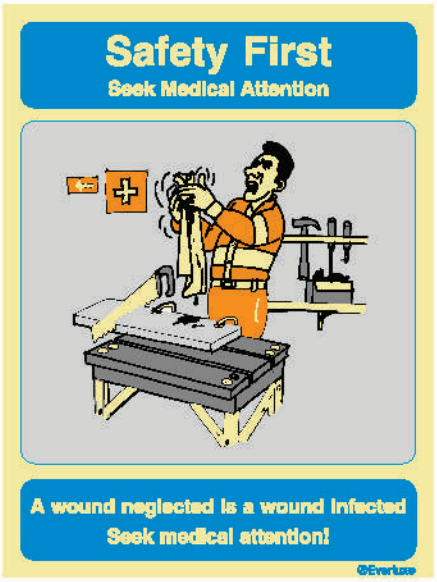
S 65 08



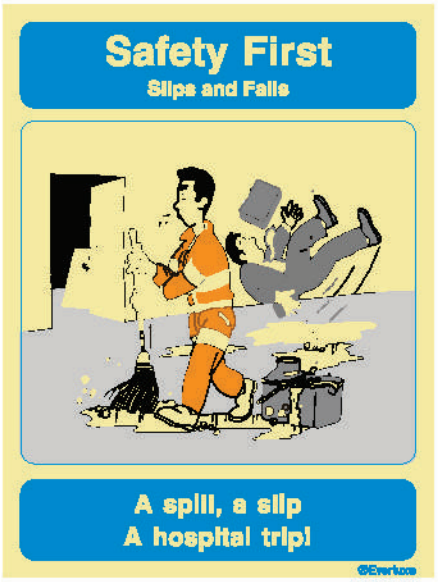
S 65 09



S 65 10



S 65 11



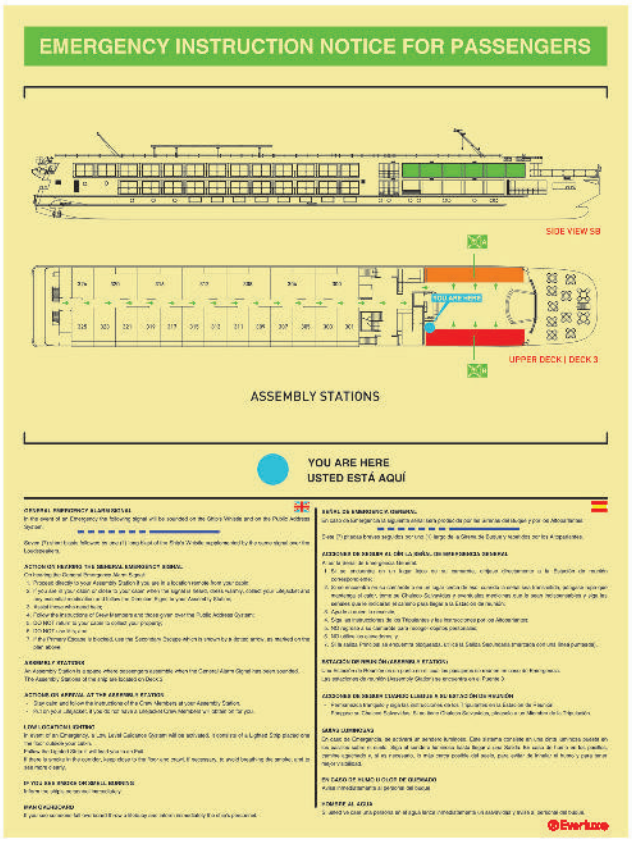
S 65 12

The ®Everlux® general awareness safety notices can be used to remind the crew of the basic safety principles in order to create a safe environment on board.

When used together with the ®Everlux® safety awareness training procedures they will help you to comply with the ISM Code requirements

Deck safety plan

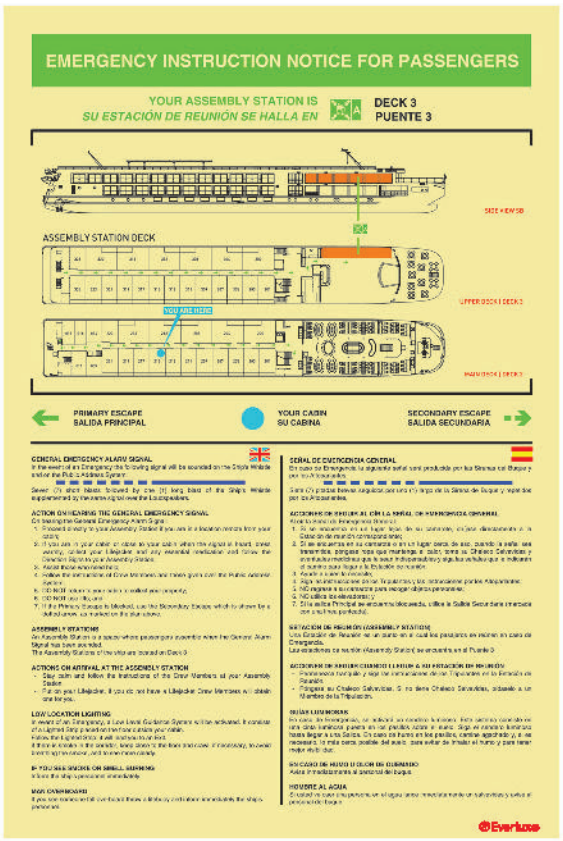
(mm)
300x400
400x600
600x900



S DECK P

Cabin safety plan

(mm)
200x300



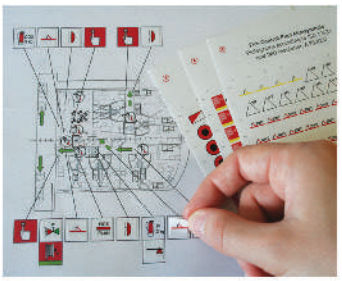
S CABIN P

Fire control and safety plans

Everlux® self-adhesive mini-symbols

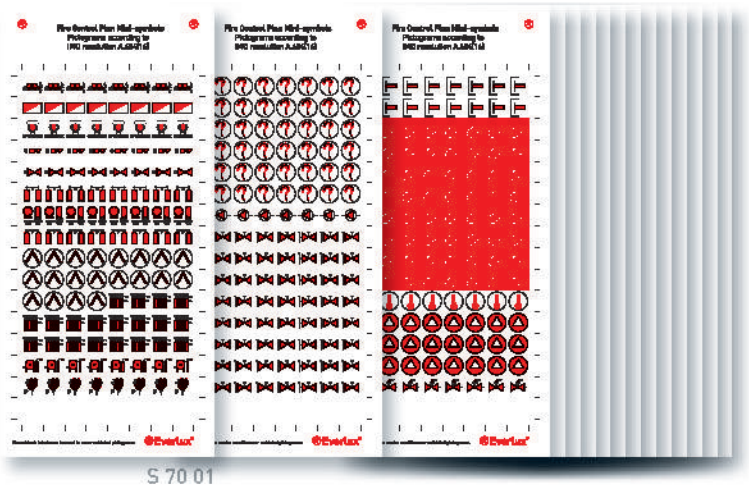
The Everlux® self-adhesive mini-symbols are the ideal solution to update the locations of fire fighting and life-saving equipments in the fire control and safety plans.

The mini-symbols follow the IMO and ISO regulations and are available in 4 packs. Ref. S 70 01, S 70 02 and S 70 03 according to each relevant regulation/ standard as described below. The fourth pack consists of these 3 sets together. It contains 36 pages and a total of 4338 mini-symbols. It can be purchased by ordering Ref. S 70 00.



(mm)
10x10(*)

(*) Each mini-symbol

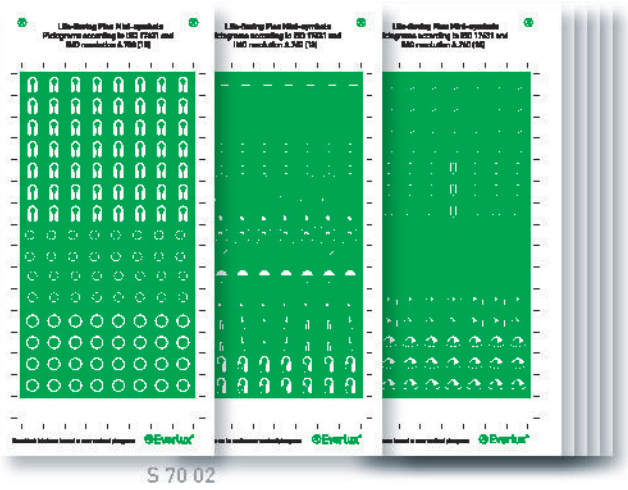


S 70 01

Fire control mini-symbols according to IMO Resolution A. 654 - containing 12 pages and a total of 1536 mini-symbols.

(mm)
10x10(*)

(*) Each mini-symbol

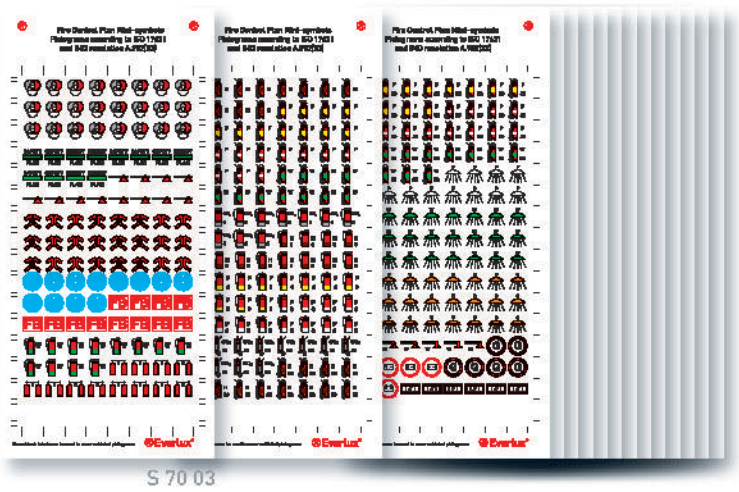


S 70 02

Life-saving mini-symbols according to ISO 17631 and IMO Resolution A. 760 - containing 6 pages and a total of 768 mini-symbols.

(mm)
10x10(*)

(*) Each mini-symbol



S 70 03

Fire control mini-symbols according to ISO 17631 and IMO Resolution A. 952 - containing 18 pages and a total of 2034 mini-symbols.

Decorative and onboard way-finding signs

Everlux has the ability to design, develop and manufacture way-finding and decorative signage solutions in different base materials, always with a high concern on the aesthetics of the signs and their most suitable integration with the general interior decoration of the vessel.

Cabin identification

Deck identification and cabin facility way-finding

For more information on this service, please contact us at: commercial@everluxmaritime.com

Frame and Adhesive

Everlux® frames

Self-Assembly Frame S 80 01

Slim-Line Frame S 80 02

Everlux® frames are the ideal accessory when installing safety signs providing an aesthetic finish. They have a discreet and elegant design and are manufactured using high quality materials. They allow the connection between the sign and the wall and their visual weight does not conflict with the sign, resulting in a perfect harmony between the three elements (wall-frame-sign).

Properties:
Material: Aluminium

Available models:
Everlux® self-assembly frame – 4 aluminium components, cut to match the size of the sign are supplied along with 4 plastic "L" connectors and 4 squares of double-sided adhesive tape, to allow putting together this practical frame.

Everlux® slim-line frame – supplied with the respective sign and ready to be installed.

Installation:
Both frames can be pasted to the wall by using double-sided adhesive tape or Everlux® adhesive.
Frames are only suitable to square and rectangular shaped signs.

Everlux® adhesive

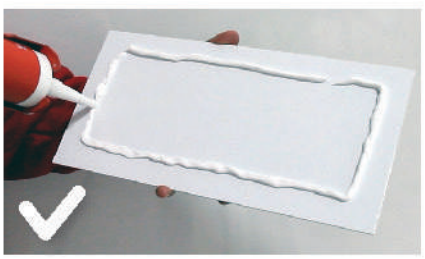
Adhesive (300ml) ADHE

Applied correctly Everlux® adhesive has been proven to be more cost effective than other adhesive brands

Everlux® adhesive is the ideal solution for installing Everlux® safety signs to a wide variety of surfaces, including very irregular ones.

Properties:
- Fast initial drying which prevents possible slipping within the first seconds after installation;
- High temperature resistance (up to 75°C);
- High resistance to removal and humidity;
- After unlocking the gun, the product does not drip;
- High fluidity which allows an easy application (extrusion),

Instructions:
The best method for a correct and quick sign installation is to apply four small dots of the Everlux® adhesive on the corners of the sign and one dot in the centre. Then squeeze the sign against the wall (or surface where it shall be installed) by pressing on the four corners and centre of the sign. This will allow the adhesive to develop a very thin layer between the sign and the wall.
Alternatively, a very thin line of the adhesive can be applied around the perimeter of the sign 1cm from the edge in order to prevent it from oozing out. Squeeze the sign against the wall and move it slightly to allow the adhesive to spread perfectly. This is the recommended option for sign installations in locations which may be subject to vandalism.



Available in packs of 36 tubes. Each tube is supplied with a cap for the lid in order to prevent the adhesive from drying between uses.

IMPA and ISSA cross reference guide

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33.1534	47.515.34	S 62 02	76
33.1536	47.515.36	S 60 02	70
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1) Sign with the same message as IMPA and ISSA sign, but with a different format

IMPA and ISSA cross reference guide

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33.4101	47.541.01	S 02 52	11
33.4102	47.541.02	S 02 53	11
33.4103	47.541.03	S 02 54	11
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33.4106	47.541.06	S 02 57	11
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33.4129	47.541.29	S 02 77	11
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33.4179	47.541.79	S 03 42	12
33.4180	47.541.80	S 03 44	12
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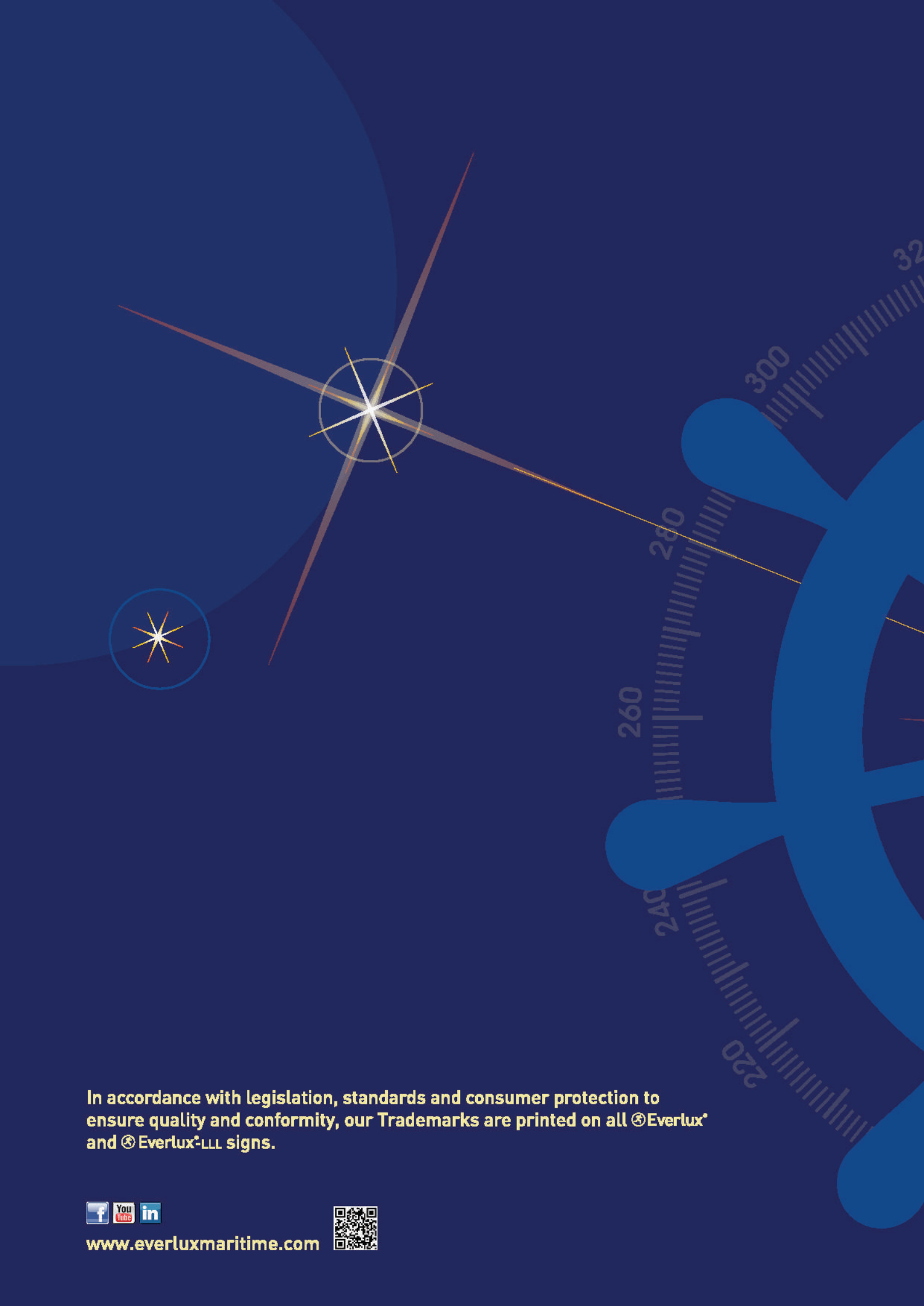
33.7572	47.575.72	S 32 72	42'
33.7573	47.575.73	S 30 80	40'
33.7573	47.575.73	S 32 76	42'
33.7574	47.575.74	S 30 81	40'
33.7574	47.575.74	S 32 74	42'
33.7577	47.575.77	S 32 56	42
33.7578	47.575.78	S 32 16	42
33.7579	47.575.79	S 30 70	40
33.7580	47.575.80	S 30 73	40'
33.7581	47.575.81	S 30 74	40'
33.7582	47.575.82	S 30 75	40'
33.7583	47.575.83	S 30 76	40'
33.7584	47.575.84	S 30 77	40'
33.7585	47.575.85	S 30 78	40'
33.7587	47.575.87	S 31 54	41'
33.7590	47.575.90	S 31 77	41'
33.7591	47.575.91	S 31 78	41'
33.7596	47.575.96	S 31 79	41'
33.7597	47.575.97	S 31 80	41'
33.7598	47.575.98	S 32 58	42
33.7600	47.576.00	S 31 72	41'
33.7601	47.576.01	S 31 73	41'
33.7604	47.576.04	S 31 74	41'
33.7605	47.576.05	S 31 75	41'
33.7610	47.576.10	S 31 51	41'
33.7611	47.576.11	S 31 52	41'
33.7613	47.576.13	S 31 53	41'
33.7614	47.576.14	S 31 60	41'
33.7615	47.576.15	S 31 59	41'
33.7616	47.576.16	S 31 57	41'
33.7617	47.576.17	S 31 58	41'
33.7618	47.576.18	S 31 56	41'
33.7619	47.576.19	S 31 55	41'
33.7620	47.576.20	S 30 82	40'
33.7623	47.576.23	S 30 83	40'
33.7623	47.576.23	S 32 75	42'
33.7624	47.576.24	S 30 69	40'
33.7624	47.576.24	S 32 73	42'
33.7625	47.576.25	S 31 61	41'
33.7626	47.576.26	S 31 62	41'
33.7627	47.576.27	S 31 63	41'
33.7628	47.576.28	S 31 64	41'
33.7629	47.576.29	S 30 84	40'
33.7630	47.576.30	S 31 67	41'
33.7631	47.576.31	S 31 65	41'
33.7632	47.576.32	S 31 68	41'
33.7633	47.576.33	S 31 69	41'
33.7634	47.576.34	S 31 70	41'
33.7635	47.576.35	S 31 66	41'
33.7636	47.576.36	S 31 71	41'
33.7650	47.576.50	S 31 81	42'
33.7651	47.576.51	S 32 00	42'
33.7660	47.576.60	S 31 82	42'
33.7668	47.576.68	S 30 72	40'
33.7670	47.576.70	S 31 83	42'
33.7673	47.576.73	S 31 86	42'
33.7680	47.576.80	S 31 84	42'
33.7681	47.576.81	S 31 85	42'
33.7700	47.577.00	S 32 12	42
33.7701	47.577.01	S 32 13	42
33.8000	47.580.00	S 32 61	42
33.8500	47.585.00	S 38 01	48
33.8501	47.585.01	S 38 02	48
33.8502	47.585.02	S 38 03	48
33.8503	47.585.03	S 38 04	48
33.8504	47.585.04	S 38 05	48
33.8505	47.585.05	S 39 02	48
33.8506	47.585.06	S 38 07	48
33.8508	47.585.08	S 38 10	48
33.8509	47.585.09	S 39 01	48
33.8510	47.585.10	S 39 08	48
33.8511	47.585.11	S 39 13	48
33.8520	47.585.20	S 40 14	51
33.8522	47.585.22	S 40 65	52
33.8530	47.585.30	S 38 51	49
33.8530	47.585.30	S 40 11	51
33.8531	47.585.31	S 38 52	49
33.8532	47.585.32	S 38 53	49
33.8532	47.585.32	S 40 13	51
33.8533	47.585.33	S 38 54	49
33.8536	47.585.36	S 38 55	49
33.8537	47.585.37	S 38 56	49
33.8539	47.585.39	S 38 57	49
33.8540	47.585.40	S 38 59	49
33.8541	47.585.41	S 38 67	49
33.8542	47.585.42	S 38 62	49
33.8543	47.585.43	S 38 58	49
33.8544	47.585.44	S 38 66	49
33.8545	47.585.45	S 38 64	49
33.8546	47.585.46	S 38 65	49
33.8547	47.585.47	S 39 95	51
33.8548	47.585.48	S 38 70	49
33.8549	47.585.49	S 38 63	49
33.8550	47.585.50	S 39 52	50
33.8550	47.585.50	S 40 17	51
33.8551	47.585.51	S 39 58	50
33.8552	47.585.52	S 39 57	50
33.8553	47.585.53	S 38 71	49
33.8555	47.585.55	S 39 60	50
33.8556	47.585.56	S 39 67	50
33.8557	47.585.57	S 38 60	50
33.8559	47.585.59	S 38 61	50
33.8560	47.585.60	S 39 63	50
33.8561	47.585.61	S 39 64	50
33.8563	47.585.63	S 39 51	50
33.8564	47.585.64	S 38 72	49
33.8565	47.585.65	S 39 65	50
33.8566	47.585.66	S 39 66	50
33.8567	47.585.67	S 39 68	50
33.8568	47.585.68	S 39 55	50
33.8569	47.585.69	S 39 56	50
33.8570	47.585.70	S 39 54	50
33.8570	47.585.70	S 40 15	51
33.8574	47.585.74	S 39 91	51
33.8574	47.585.74	S 40 16	51
33.8575	47.585.75	S 40 12	51
33.8576	47.585.76	S 39 59	50
33.5747	47.557.47	S 40 01	51
33.8619	47.586.19	S 40 02	51
33.8619	47.586.19	S 40 20	51
33.8567	47.585.67	S 40 04	51
33.8690	47.586.90	S 39 81	50
33.8691	47.586.91	S 39 82	50
33.8692	47.586.92	S 39 83	50
33.8692	47.586.92	S 39 83	50

1) Sign with the same message as IMPA and ISSA sign, but with a different format

IMO regulations and applicable standards

IMO Resolution A.654(16) adopted on 19 October 1989	Graphical symbols for fire control plans
IMO Resolution A.752(18) adopted on 4 November 1993	Guidelines for the evaluation, testing and application of low-location lighting on passenger ships
IMO Resolution A.760(18) adopted on 4 November 1993	Symbols related to life-saving appliances and arrangements
IMO Resolution A.952(23) adopted on 5 December 2003	Graphical symbols for shipboard fire control plans
SOLAS Convention 2004 chapter II-2 Regulation 13.3.2.5	Construction – Fire protection, fire detection and fire extinction - Means of escape - Marking of escape routes
SOLAS Convention 2004 chapter II-2 Regulation 13.7.2.2	Construction – Fire protection, fire detection and fire extinction - Means of escape - Instruction for safe escape
SOLAS Convention 2004 chapter III-Regulation 9.2.3	Life-saving appliances and arrangements - Operating instructions
MARPOL 73/78 adopted on 17 February 1978	International Convention for the Prevention of Pollution from Ships
ISPS Code 2003 adopted on 12 December 2002	International Ship and Port Facility Code
ICAO and IMO document 9636	International signs to provide guidance to persons at airports and marine terminals
IMDG Code 2010 Edition	International Maritime Dangerous Goods (IMDG) Code
ISM Code 2010 Edition	International Safety Management (ISM) Code
European Commission Directive 2002/25/EC adopted on 5 March 2002	Amending Council Directive 98/18/EC on safety rules and standards for passenger ships
ISO 24409-1:2010	Ships and marine technology - Design, location and use of shipboard safety signs, safety related signs, safety notices and safety markings - Part 1: Design principles
ISO 16069:2004	Graphical symbols - Safety signs - Safety way guidance systems (SWGS)
ISO 3864-1:2011	Graphical symbols -Safety colours and safety signs - Part 1: Design principles for safety signs and safety markings
ISO 3864-2:2004	Graphical symbols - Safety colours and safety signs -Part 2: Design principles for product safety labels
ISO 17631:2002	Ships and marine technology -Shipboard plans for fire protection, life-saving appliances and means of escape
ISO 15370:2010	Ships and marine technology -Low-location lighting (LLL) on passenger ships -Arrangement
ISO 14726:2008	Ships and marine technology - Identification colours for the content of piping systems
ISO 20712-1:2008	Water safety signs and beach safety flags - Part 1: Specifications for water safety signs used in workplaces and public areas
EN ISO 7010:2012	Graphical symbols - Safety colours and safety signs -Registered safety signs
BS 5499-1:2002	Graphical symbols and signs. Safety signs, including fire safety signs. Specification for geometric shapes, colours and layout
BS 5499-11:2002	Graphical symbols and signs. Safety signs, including fire safety signs. Part 11: Water safety signs
DIN 67510-1:2009	Photoluminescent pigments and products - Part 1: Measurement and marking at the producer.
DIN 67510-4:2008	Phosphorescent pigments and products - Part 4: Products for phosphorescent escape route systems - Markings and applications
MCA LY2 published on September 2007	The Large Commercial Yacht Code (LY 2)
NORSOK STANDARD C-002, Edition 3, June 2006	Architectural components and equipment
NORSOK STANDARD S-001, Edition 4, February 2008	Technical safety
2009 MODU CODE	IMO Code for the Construction and Equipment of Mobile Offshore Drilling Units, 2009



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