



# PYROSWISS® MARINE Climalit

Fire resistant safety glass for interior marine application

## CLASSIFICATIONS

**B0** = Integrity

Ability to withstand fire exposure for 30 minutes without transmission of fire to the non-fire side as a result of flames of hot gases, thereby causing ignition of the non-fire exposed surface or materials adjacent.

## PRODUCT FEATURES

Fire resistant toughened safety glass or toughened safety glass



Spacer

## TECHNICAL SPECIFICATIONS

### Fire resistance (IMO A754(18))

Max. tested glass size (WxH)

Max. Glass Size

Thickness tolerance

Length tolerance

Pressure resistance (ISO 614)

MED Certification Method

Hazardous material contained

**B0**

1500 x 2300 mm

Variable, subject to glass make-up, framing material or glazed element type. Consult with your Vetrotech representative.

± 2 mm

±2 mm

According to punch method of non-destructive strength testing

Following to customers fire test. Type approval has to be certified by LR, GL, DNV, BV...

None

### Nominal thickness

Fire Protection

Outer pane

Spacer

Inner pane

Weight

Sound reduction  $R_w$  (En 140-3)

Light transmission (EN 410)

Light reflection (exterior/interior)

U-value (EN 673)

Solar factor  $g$

Energy transmission  $\tau_E$

Energy reflection  $\rho_E$  (exterior/interior)

**24 mm**

**24 mm**

**till**

**62 mm**

**62 mm**

one side

both sides

one side

both sides

Pyroswiss® 6 mm

Pyroswiss® 6 mm

Pyroswiss® 25 mm

Pyroswiss® 25 mm

12 mm

12 mm

12 mm

12 mm

Securit® 6 mm

Pyroswiss® 6 mm

Securit® 25 mm

Pyroswiss® 25 mm

31 kg/m<sup>2</sup>

31 kg/m<sup>2</sup>

126 kg/m<sup>2</sup>

126 kg/m<sup>2</sup>

NPD\*

NPD\*

NPD\*

NPD\*

80 %

80 %

66 %

66 %

15%/15 %

15%/15 %

12%/12 %

12%/12 %

2,8 W/m<sup>2</sup>K

2,8 W/m<sup>2</sup>K

2,5 W/m<sup>2</sup>K

2,5 W/m<sup>2</sup>K

0,75

0,75

0,51

0,51

68 %

68 %

36 %

36 %

13%/13 %

13%/13 %

8%/8 %

8%/8 %

\* NPD = No Performance Declared