



# PYROSWISS® MARINE

Fire resistant safety glass for interior and exterior marine application

## CLASSIFICATIONS

### A0 = Integrity

Ability to withstand fire exposure for 60 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



## 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

### A0

1000 x 2300 mm

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

± 0,3 for 8, 10, 12 mm

± 0,5 for 15 mm

± 1,0 for 19 mm and 25 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

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)

### 8 mm

### 10 mm

### 12 mm

### 15 mm

### 19 mm

### 25 mm

both sides both sides both sides both sides both sides both sides

20 kg/m<sup>2</sup> 25 kg/m<sup>2</sup> 30 kg/m<sup>2</sup> 38 kg/m<sup>2</sup> 48 kg/m<sup>2</sup> 63 kg/m<sup>2</sup>

34 dB 36 dB 37 dB 38 dB 40 dB NPD\*

88% 88% 87% 86% 84% 81%

8%/8% 8%/8% 8%/8% 8%/8% 8%/8% 7%/7%

5,6 W/m<sup>2</sup>K 5,6 W/m<sup>2</sup>K 5,5 W/m<sup>2</sup>K 5,4 W/m<sup>2</sup>K 5,3 W/m<sup>2</sup>K 5,1 W/m<sup>2</sup>K

0,82 0,8 0,77 0,75 0,7 0,65

79% 76% 72% 69% 62% 56%

7%/7% 7%/7% 7%/7% 7%/7% 6%/6% 6%/6%

\* NPD = No Performance Declared