



PYROSWISS® MARINE Climalit

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 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

A0

2300 x 1500 mm or 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

	26 mm	28 mm	till	62 mm	62 mm
Fire Protection	one side	both sides		one side	both sides
Outer pane	Pyroswiss® 8 mm	Pyroswiss® 8 mm		Pyroswiss® 25 mm	Pyroswiss® 25 mm
Spacer	12 mm Air	12 mm Air		12 mm	12 mm
Inner pane	Securit® 6 mm	Pyroswiss® 8 mm		Securit® 25 mm	Pyroswiss® 25 mm
Weight	36 kg/m ²	40 kg/m ²		126 kg/m ²	126 kg/m ²
Sound reduction R _w (En 140-3)	NPD*	NPD*		NPD*	NPD*
Light transmission (EN 410)	79 %	79 %		66 %	66 %
Light reflection (exterior/interior)	14 %/14 %	14 %/14 %		12 %/12 %	12 %/12 %
U-value (EN 673)	2,8 W/m ² K	2,8 W/m ² K		2,5 W/m ² K	2,5 W/m ² K
Solar factor g	0,72	0,72		0,51	0,51
Energy transmission τ _E	66 %	64 %		36 %	36 %
Energy reflection ρ _E (exterior/interior)	12 %/12 %	12 %/12 %		8 %/8 %	8 %/8 %

* NPD = No Performance Declared