



CONTRAFLAM[®] MARINE Climalit

Fire resistant safety glass for interior and exterior marine application

CLASSIFICATIONS

B30 = Integrity + Insulation

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. Also it is minimal 30 minutes temperature insulated.

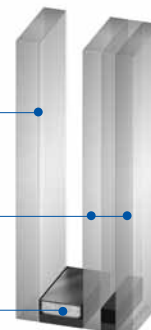
PRODUCT FEATURES

Outer pane

Toughened safety glass

Fire resistant safety glass CONTRAFLAM[®] MARINE

Spacer



TECHNICAL SPECIFICATIONS

Fire resistance (IMO A754(18))

Max. Glass Size

Thickness tolerance

Length tolerance

Pressure resistance (ISO 614)

UV stability (EN ISO 12543-4)

MED Certification Method

Hazardous material contained

B30

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

±3 mm

±2 mm

According to punch method of non-destructive strength testing

In addition to the standard specifications:

No formation of bubbles or yellowing after 2000 hours of exposure to radiation

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

None

Nominal thickness

Max. tested glass size (WxH)

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 τ_E

Energy reflection ρ_E (exterior/interior)

38 mm

till

57 mm

1500 x 2500 mm

both sides

6 mm Securit[®]

12 mm Air

Contraflam[®] Marine 20 mm

60 kg/m²

NPD*

76 %

15 %/15 %

2,6 W/m²K

0,69

52%

13 %/11 %

1500 x 2500 mm

both sides

25 mm Securit[®]

12 mm Air

Contraflam[®] LITE Marine 20 mm

107 kg/m²

NPD*

68 %

14 %/15 %

2,4 W/m²K

0,51

38%

9 %/10 %

* NPD = No Performance Declared