



CONTRAFLAM® LITE MARINE Climalit

Fire resistant safety glass for interior marine application

CLASSIFICATIONS

B0/B15

= 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 15 minutes temperature insulated.

PRODUCT FEATURES

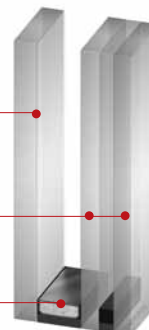
Outer pane

Toughened safety glass

Fire resistant safety glass

CONTRAFLAM® LITE

Spacer



TECHNICAL SPECIFICATIONS

Fire resistance (IMO A754(18))

Max. tested glass size (WxH)

Max. Glass Size

Thickness tolerance

Length tolerance

Pressure resistance (ISO 614)

UV stability (EN ISO 12543-4)

MED Certification Method

Hazardous material contained

B0/B15

2200 x 1500 mm or 1200 x 2600 mm

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

+3/-2 mm

±2 mm

According to punch method of non-destructive strength testing (outer pane)

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

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)

32 mm

till

51 mm

both sides

6 mm Securit®

12 mm Air

Contraflam® LITE Marine 14 mm

46 kg/m²

NPD*

78 %

15%/15%

2,6 W/m²K

0,70

56%

13%/11%

both sides

25 mm Securit®

12 mm Air

Contraflam® LITE Marine 14 mm

94 kg/m²

NPD*

70%

13%/14%

2,5 W/m²K

0,52

41%

9%/11%

* NPD = No Performance Declared