



CONTRAFLAM® LITE MARINE Climaplus

Fire resistant safety glass for interior and exterior marine application

CLASSIFICATIONS

A0/A15 = Integrity + Insulation

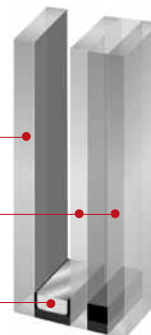
Ability to withstand fire exposure for 60 minutes without transmission of fire to the non-fire side as a result of flames of hot gases, thereby causing ignition of the non-fire exposed surface or materials adjacent. Also it is minimal 15 minutes temperature insulated.

PRODUCT FEATURES

Outer pane
with low emission and/or solar control properties

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

A0/A15

1800 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)

34 mm

both sides

6 mm Securit®
KM Ultimate 20-1 coating

12 mm Argon

Contraflam® LITE Marine 16 mm

52 kg/m²

NPD*

65 %

11%/12 %

1,2 W/m²K

0,40

35 %

27%/16 %

till

61 mm

both sides

25 mm Securit®/foils/6 mm Securit®
KM Ultimate 20-1 coating

12 mm Argon

Contraflam® LITE Marine 16 mm

116 kg/m²

NPD*

57 %

10%/12 %

1,2 W/m²K

0,33

26 %

9%/16 %

* NPD = No Performance Declared