

CONTRAFLAM STRUCTURE 60 IGU

Fire-Rated Clear Tempered Safety Glass

CLASSIFICATION



Fire Resistive

This glass product can withstand fire exposure to the non-fire side and protects from flames, smoke, hot gases and radiant heat.



Impact Safety

Impact safety rated to meet the highest human impact safety ratings.



Hose Stream

This product has passed the hose stream test.

AVAILABLE OPTIONS



- + Protection
- + Clear view



- + Climate control
- + Extra clear
- + Noise Control
- + Screen



- + Coloring
- + Digital printing
- + Matte finish (for US)
- + Screen printing
- + Shapes



- + Double glazing
- + Solar control
- + Tinting

Contact us for a personalized solution to meet your product requirements.

Listed and labeled with Underwriters Laboratories Inc.

UL File Number R22066

Low-Iron glass available upon request

TECHNICAL SPECIFICATIONS

Fire Rating

60 min

US / Canada Standards

UL 263; ASTM E-119; CAN/ULC S101; NFPA 251; LAAR 26129

Building code markings

W 60

Impact Safety Rating

CPSC 16CFR 1201-CAT II, CAN/CGSB - 12.1-M90

Application

Exterior

Product

CONTRAFLAM STRUCTURE 60 IGU

Nominal Thickness

1-15/16 in. (50 mm)

Thickness Tolerance

-1/8 in. to 1/8 in. (-3 mm to 3 mm)

Edge Cover

1/2 in. (12.7 mm)

Weight

16.9 lbs/sq. ft (82.6 kg/sq. m)

STC/OITC rating (ASTM E 413/E 1332)

41 / 33

Visible transmittance (NFRC 200)

66.2%

Light reflection pL ext./int. (CIE)

17.3% / 16.2%

U-Value BTU/(hr*sqft*degF) (NFRC 100)

Winter:0.38 / Summer:0.39

Solar heat gain coefficient (NFRC 200)

0.57

Shading coefficient (NFR 200)

0.65

Energy transmission (NFRC 300)

37.4%

Windows, Transoms, Sidelites (w/h/a)

138-1/2in. x 138-1/2in., 7,574 sq. in. (3.52m x 3.52m, 4.89 sq. m)

*Height multiplied by width cannot exceed maximum exposed area

*** Values calculated using Pilkington Energy Advantage Low-E 1/4" (6mm) OBL with a 1/2" (12.7 mm) Steel Spacer

