

CONTRAFLAM® One 120 US/C IGU

Fire rated clear interlayerd, tempered safety glass for exterior applications

Classification



Fire resistive

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



Impact safety from either surface

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



Hose Stream tested

This product has passed a hose stream test

Available Options



→ Extra clear



→ Patterned glass

[Contact us for a personalized solution to meet your product requirements.](#)

Technical Specifications

HYBRIDCORE TECHNOLOGY™

Fire Rating

US / Canada Standards

Building code markings

Impact Safety Rating

Application

120 minutes

UL 263; ASTM E-119; CAN/ULC S101; ASTM E2229

D-H 120; D-H-T 120; W 120; D-H-T-W-120

ANSI Z97.1; CPSC 16CFR 1201-CAT II; CAN/CGSB - 12.1-M90

Exterior

Product

Nominal thickness

Thickness tolerance

Weight

Glass 1

Spacer

Glass 2

STC/OITC rating (ASTM E 413/E1332)

Visible transmittance (NFRC 200)

Light reflection pL ext./int. (CIE 15)

U-factor (Btu/h*sq.ft*deg F) (NFRC 100)

Solar heat gain coefficient (NFRC 200)

Energy transmission (NFRC 300)

Temperature range

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2-5/32 in. (55 mm)

+1/8" / -3/32" (+3/- 2 mm)

15,21 lb/sq. ft. (74 kg/m²)

1/4 in. (6 mm) PLANITHERM XN II (low-E coated tempered)

1/4 in. (6 mm) Argon

CF120-1 IGU (37 mm)

upon request

78%

11% / 11%

Winter: 0.215 / Summer: 0.207

0.55

44%

-40°C / +60°C (-40°F / + 140 °F)

Additional Information to CONTRAFLAM 120-1

Values based on Planiclear base glass

Dimensions: please check CONTRAFLAM 120-1 mono datasheets