

CONTRAFLAM® One 90 US/C

Fire Rated clear tempered interlayered safety glass for interior 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

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



Hose Stream

This product has passed a hose stream test.

Available Options



→ Extra clear



→ Patterned glass



→ Double glazing

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

90 minutes

UL 10B, 10C, 263; ASTM E119, E2226; CAN/ULC S101, S104; NFPA 252, 257
D-H 90; D-H-T 90; W 90; D-H-T-W 90
ANSI Z97.1; CPSC 16CFR 1201-CAT II; CAN/CGSB - 12.1
Interior

Product

Glass type
Nominal thickness
Thickness tolerance
Weight
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)
Door. Temp Rise: Max exposed w x h, a [Based on Intertek Spec ID 73718]
Non Loadbearing Wall Assemblies: Max dimensions [Based on Intertek Spec ID 73711]
Temperature range

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Planiclear
1-1/4 in. (32 mm)
± 5/64 in. (± 2 mm)
10.9 lbs/sq. ft. (53 kg/m²)
42/40 measured
88%
8% / 8%
Winter: 0.830 / Summer: 0.765
0.69
58%
36 1/4 in. x 92 1/8 in., 23.19 sq. ft. (920 mm x 2340 mm, 2.15 m²)
Height/Width: 94-5/8 in. (2400mm); Area: 30.8 sq. ft. (2.86 m²)
-40°C / +60°C (-40°F / + 140 °F)

Additional Information to CONTRAFLAM 90-1

Exterior applications might be possible, please contact us.