

# CONTRAFAM® 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	90 minutes
Building code markings	UL 10B, 10C, 263; ASTM E119, E2226; CAN/ULC S101, S104; NFPA 252, 257
Impact Safety Rating	D-H 90; D-H-T 90; W 90; D-H-T-W 90
Application	ANSI Z97.1; CPSC 16CFR 1201-CAT II; CAN/CGSB - 12.1

### Product

Glass type	CONTRAFAM® One 90 US/C
Nominal thickness	Planiclear
Thickness tolerance	1-1/4 in. (32 mm)
Weight	± 5/64 in. (± 2 mm)
STC/OITC rating (ASTM E 413/E1332)	10.9 lbs/sq. ft. (53 kg/m <sup>2</sup> )
Visible transmittance (NFRC 200)	42/40 measured
Light reflection pL ext./int. (CIE 15)	88%
U-factor (Btu/h*sq.ft*deg F) (NFRC 100)	8% / 8%
Solar heat gain coefficient (NFRC 200)	Winter: 0.830 / Summer: 0.765
Energy transmission (NFRC 300)	0.69
Door. Temp Rise: Max exposed w x h, a [Based on Intertek Spec ID 73718]	58%
Non Loadbearing Wall Assemblies: Max dimensions [Based on Intertek Spec ID 73711]	36 1/4 in. x 92 1/8 in., 23.19 sq. ft. (920 mm x 2340 mm, 2.15 m <sup>2</sup> )
Temperature range	Height/Width: 94-5/8 in. (2400mm); Area: 30.8 sq. ft. (2.86 m <sup>2</sup> ) -40°C / +60°C (-40°F / +140 °F)

### Additional Information to CONTRAFAM 90-1

Exterior applications might be possible, please contact us.