

KERALITE SELECT FILMED

Fire-Rated Clear Polished Safety Glass Ceramic

CLASSIFICATION



Fire-Protective

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



Impact safety

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



Hose stream tested

This product has passed the hose stream test.

AVAILABLE OPTIONS



+ Protection



+ Shapes



+ Insulated
+ Solar control

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

TECHNICAL SPECIFICATIONS

Fire rating

20-90, 180 Minutes

Listings/Approvals

UL 9, 10B, 10C; NFPA 80, 252, 257; CAN/ULC-S104, S106

Building code markings

D-H-20/45/60/90/180; OH-20/45/60/90

Impact Safety Rating

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

Applications

Interior

Product

Keralite Select Filmed

Nominal thickness

0.197 in. (5 mm)

Thickness tolerance (ASTM C 1036)

+0.016 in. to -0.016 in. (+0.4 mm to -0.4 mm)

Length tolerance (ASTM C 1036)

+0.063 in. to -0.063 in. (+1.6 mm to -1.6 mm)

Edge cover

0.5 in. to 0.625 in. (12.7 mm to 15.875 mm)

Window/Transom/Sidelite: width x height, area*

20-90: 95.563 in. x 95.375 in., 4,500 sq. in. (2.43 m x 2.4 m, 2.9 sq. m) **180:** N/A

Door, Non-Temp Rise: width x height, area*

20-90: 46.5 in. x 78 in., 3,627 sq. in. (1.18 m x 1.98 m, 2.34 sq. m) **180:** N/A

Door, Temp Rise: width x height, area*

20-45: N/A **60-180:** 33 in. x 10 in., 100 sq. in. (0.84 m x 0.25 m, 0.06 sq. m)

Weight

2.6 lbs./sq. ft. (12.5 kg/sq. m)

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

31/27

Visible transmittance (NFRC 200)

88%

Light reflection pL ext./int. (CIE)

8%

U value BTU/(hr*sqft*degF) (NFRC 100)

0.93 Summer; 1.02 Winter

Solar heat gain coefficient (NFRC 200)

0.88

Shading coefficient (NFRC 200)

1.01

Energy transmission (NFRC 300)

86.3

*Height multiplied by width cannot exceed maximum exposed area.

vetrotech.com

© Vetrotech Saint-Gobain North America
Product characteristics are subject to change without notice and may vary depending on manufacturing size and composition. Available options are dependent on product type and application. Contact your Vetrotech representative for further support.