

KERALITE SELECT LAMINATED

Fire-Rated 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.



Hose Stream

This protect has passed the hose stream test.



Impact Safety

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

AVAILABLE OPTIONS



+ Protection



+ Shapes

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

Listed and labeled with Underwriters Laboratories Inc.

UL File Number R14515

TECHNICAL SPECIFICATIONS

Fire Rating

20-90, 180 min

US / Canada Standards

UL 9,10B,10C; CAN/ULC S104,S106; NFPA 80,252,257; LAAR 26129

Building code markings

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

Impact Safety Rating

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

Application

Interior

Product

KERALITE SELECT LAMINATED

Nominal Thickness

5/16 in. (8 mm)

Glass Pocket Width/Depth

9/16 in., 5/8 in. (14.3 mm, 15.9 mm)

Edge Cover

1/2 in. (12.7 mm)

Weight

4.26 lbs/sq. ft (20.8 kg/sq. m)

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

34 / 31

Visible transmittance (NFRC 200)

86.0%

Light reflection pL ext./int. (CIE)

7.8% / 7.8%

Solar heat gain coefficient (NFRC 200)

0.84

Shading coefficient (NFR 200)

0.97

Energy transmission (NFRC 300)

81.0%

Door, Non-Temp Rise: max exposed w/h/a

46-1/2in. x 78in., 3627 sq. in. (1.18m x 1.98m, 2.34 sq. m)

Door, Temp Rise: max exposed w/h/a

10in. x 33in., 100 sq. in. (0.254m x 0.838m, 0.065 sq. m)

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

95-3/8in. x 95-9/16in., 4500 sq. in. (2.42m x 2.43m, 2.903 sq. m)

* Height multiplied by width cannot exceed maximum exposed area

** Also available as non-polished glass ceramic.

vetrotech.com

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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

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