KERALITE® SAFEGUARD
Fire-Rated Laminated Safety Glass Ceramic

CLASSIFICATION

PRODUCT FEATURES

DESCRIPTION

TECHNICAL SPECIFICATIONS

Fire Rating
US Testing/Compliant
Canadian UL Listing
Impact Safety Rating
Nominal Thickness
Thickness Tolerance
U value (BTU/hr*sqft/°F)
STC Rating
Weight (lbs/sq ft.)
Visible Light Transmission

20-90, 180 Minute
Listed and labeled with Underwriters Laboratories Inc. File #R14515
Tested in accordance with UL 9, UL 10B, UL 10C, NFPA 80, NFPA 252, NFPA 257
CAN/ULC-S106, S104
5/16" (8 mm) | 7/16" (10 mm)
+1/64" to -1/64" (+0.4 mm to -0.4 mm)
0.88
37
4.1 | 5.1*
≈ 82%

AUTHORIZED DIMENSIONS

<table>
<thead>
<tr>
<th>RATING</th>
<th>WINDOW/TRANSOM/SIDELIGHT</th>
<th>DOOR - NON TEMP RISE</th>
<th>DOOR - TEMP RISE</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>AREA (Max.)</td>
<td>WIDTH (Max.)</td>
<td>HEIGHT (Max.)</td>
</tr>
<tr>
<td>20</td>
<td>4500</td>
<td>95-3/8</td>
<td>95-3/8</td>
</tr>
<tr>
<td>45</td>
<td>4500</td>
<td>95-3/8</td>
<td>95-3/8</td>
</tr>
<tr>
<td>60</td>
<td>4500</td>
<td>95-3/8</td>
<td>95-3/8</td>
</tr>
<tr>
<td>90</td>
<td>4500</td>
<td>95-3/8</td>
<td>95-3/8</td>
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<tr>
<td>180</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
</tbody>
</table>

Maximum sheet size for this product is 44” x 96”.
Height multiplied by width cannot exceed maximum exposed area.
* 7/16 (10 mm) Keralite

Rev. 10.31.17 The information published in this document is correct at the time of going to press. Such information may be subject to change and products may be modified.

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