Manufacturer
Kreysler & Associates
501 Green Island Rd
American Canyon, CA 94503
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Email: info@kreysler.com
Web: kreysler.com

General
KreyslerFire-B13 is an exterior architectural fiberglass panel product which is available in many custom finishes and colors. KreyslerFire-B13 is a fire retardant FRP sandwich panel with a fire retardant polymer concrete facecoat. The panels may be molded into unique shapes and mounted with a number of hardware options. The panels are listed under QAI Laboratories and are certified to meet the requirements of the IBC section 2613 for FRP panels installed on exterior applications of any height.

<table>
<thead>
<tr>
<th>Property</th>
<th>Test Method</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tensile Strength</td>
<td>ASTM D638</td>
<td>17,388 psi</td>
</tr>
<tr>
<td>Flexural Strength</td>
<td>ASTM D790</td>
<td>18,421 psi</td>
</tr>
<tr>
<td>Compressive Strength</td>
<td>ASTM D695</td>
<td>23,260 psi</td>
</tr>
<tr>
<td>Short Beam Shear Strength</td>
<td>ASTM D2344</td>
<td>1286 psi</td>
</tr>
<tr>
<td>Bearing Response</td>
<td>ASTM D5961</td>
<td>3271 lbf</td>
</tr>
<tr>
<td>CLTE</td>
<td>ASTM E228</td>
<td>27 ppm/°C</td>
</tr>
<tr>
<td>Full Scale Fire Test</td>
<td>NFPA 285</td>
<td>PASS</td>
</tr>
<tr>
<td>Radiant Heat Ignitability</td>
<td>NFPA 268</td>
<td>PASS</td>
</tr>
<tr>
<td>Fire Test for Roof Coverings</td>
<td>ASTM E108</td>
<td>PASS</td>
</tr>
<tr>
<td>Self Ignition Temperature</td>
<td>ASTM D1929</td>
<td>880 °F</td>
</tr>
<tr>
<td>Tunnel Test Flame Spread (FSI)</td>
<td>ASTM E-84</td>
<td>7.9 (Class A)</td>
</tr>
<tr>
<td>Tunnel Test Smoke Density (SDI)</td>
<td>ASTM E-84</td>
<td>341.2 (Class A)</td>
</tr>
</tbody>
</table>

Note: Values based on project-specific test data.

Listing and Labelling
KreyslerFire-B13 is listed and labelled with QAI Laboratories. The listing can be viewed on their website which lists the applicable tests that this product has passed in order to be in compliance with the IBC:

www.qai.org/directory/kreysler-associates/

Cleaning and Maintenance
Submitted under separate cover.

Delivery Storage and Handling
Panels shall be handled, stored, and delivered in a manner agreed upon between Kreysler & Associates and the customer. Due to the wide variety of possible finishes, packaging and storage will vary.

Samples and Finish Options
Samples submitted under separate cover.

August 11, 2020