Fire-Rated, Safety-Rated Transparent Wall Panel
Fire-Rating: 45-120 Minutes

Pilkington Pyrostop® is a fire-rated and impact safety-rated glazing material that blocks radiant heat, protecting people and valuables on the non-fire side of the glass where radiant heat transfer might be a concern. It is listed for use in doors, sidelites, transoms, borrowed lites and wall applications.

FEATURES
- Fire-rated for up to 120 minutes with required hose stream test
- Impact safety-rated—meets ANSI Z97.1 and CPSC 16 CFR1201 (Cat. I and II)
- Fits in most Fireframes® frame and door systems by TGP
- Available in insulated units with other glass products, including (but not limited to): Tinted; Art Glass; One-Way Mirror; Low-E; Reflective; Security Glass
- Withstands thermal shock
- Large sizes available
- May be lightly sandblasted or etched on one side without affecting fire rating
- 5-year limited warranty
- Protection against radiant and conductive heat transfer

Pilkington Pyrostop sales are a cooperative effort between Technical Glass Products and Pilkington North America.

LISTINGS/STANDARDS

<table>
<thead>
<tr>
<th>Fire-Rated, Safety-Rated Transparent Wall Panel</th>
<th>Fire-Rating: 45-120 Minutes</th>
<th>Fire-Rated</th>
<th>Hose Stream Tested</th>
<th>Impact-Rated</th>
<th>Heat Barrier</th>
<th>Positive Pressure Tested</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIM 3D Model Available</td>
<td>UL Classified &amp; Labeled</td>
<td></td>
<td></td>
<td></td>
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<td></td>
</tr>
</tbody>
</table>

Classified and labeled by Underwriters Laboratories, Inc.® and Underwriters Laboratories of Canada. File number for labeled fire-rated assemblies is R13377 (45 minutes) and R38725 (60-120 minutes). Tests performed in accordance with:

<table>
<thead>
<tr>
<th>UL 9</th>
<th>NFPA 80</th>
<th>CAN4 S-104</th>
<th>ASTM E119</th>
<th>MEA 241-00-M</th>
</tr>
</thead>
<tbody>
<tr>
<td>UL 10B</td>
<td>NFPA 251</td>
<td>CAN4 S-106</td>
<td></td>
<td>LARR 25798</td>
</tr>
<tr>
<td>UL 10C</td>
<td>NFPA 252</td>
<td>CAN/ULC-S101</td>
<td></td>
<td></td>
</tr>
<tr>
<td>UL 263</td>
<td>NFPA 257</td>
<td></td>
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</table>
LABELING
Each piece of Pilkington Pyrostop shall be permanently labeled with the Pilkington Pyrostop logo, UL logo and fire rating.

STORAGE & HANDLING
Pilkington Pyrostop must be handled with care during transportation, storage, inspection and installation. It should be stored in dry conditions, stocked vertically and fully supported in a manner which prevents the glass from sagging. During storage and transportation, the temperature of Pilkington Pyrostop should not exceed 122°F (50°C). Do not expose the “non-PVB” side of the glass to UV light. Do not remove the protective edge tape. See manufacturer’s installation and warranty information for further details.

FAMILY OF PRODUCTS
TGP offers a complete family of products for all your fire-rated glazing needs, ranging from 20 minute to 3 hour applications. More information is available online at fireglass.com, or by calling 800.426.0279.

- **Fireglass®20**
  Fire-rated, impact safety-rated glass

- **FireLite®**
  Fire-rated glass ceramic

- **FireLite® NT**
  Fire-rated, impact safety-rated glass ceramic with surface-applied film

- **FireLite Plus®**
  Fire-rated, impact safety-rated glass ceramic

- **FireLite® IGU**
  Fire-rated or fire/impact safety-rated insulated glass units

- **Pilkington Pyrostop®**
  Fire-rated, impact safety-rated transparent wall panels

- **WireLite®**
  Fire-rated, wired glass

- **WireLite® NT**
  Fire-rated, impact safety-rated wired glass with surface-applied film

- **Fireframes®**
  Fire-rated framing & doors for use with all TGP glass products
<table>
<thead>
<tr>
<th>FIRE RATING</th>
<th>MANUFACTURER'S DESIGNATION</th>
<th>SUPPLY FORM</th>
<th>NOMINAL THICKNESS</th>
<th>WEIGHT APPROX.</th>
<th>U-VALUE</th>
<th>DAYLIGHT TRANS. APPROX. (%)</th>
<th>STC RATING APPROX. (dB)</th>
<th>ASSEMBLY</th>
<th>MAX. EXPOSED AREA</th>
<th>MAX. WIDTH OF EXPOSED GLAZING</th>
<th>MAX. HEIGHT OF EXPOSED GLAZING</th>
</tr>
</thead>
<tbody>
<tr>
<td>45 min.</td>
<td>45-200</td>
<td>Single Glazing</td>
<td>3/4&quot; (19 mm)</td>
<td>9.22 lb / ft² (45.00 kg / m²)</td>
<td>.86</td>
<td>86</td>
<td>40</td>
<td>OTHER THAN DOORS DOOR</td>
<td>4,500 in² (2.90 m²)</td>
<td>3,724 in² (2.40 m²)</td>
<td>95–1/4&quot; (2.42 m)</td>
</tr>
<tr>
<td>60 min.</td>
<td>60-101</td>
<td>Single Glazing</td>
<td>7/8&quot; (23 mm)</td>
<td>10.86 lb / ft² (53.00 kg / m²)</td>
<td>.83</td>
<td>87</td>
<td>41</td>
<td>OTHER THAN DOORS DOOR</td>
<td>5,616 in² (3.62 m²)</td>
<td>3,724 in² (2.40 m²)</td>
<td>96&quot; (2.44 m)</td>
</tr>
<tr>
<td>60 min.</td>
<td>60-201</td>
<td>Single Glazing</td>
<td>1-1/16&quot; (27 mm)</td>
<td>12.90 lb / ft² (63.00 kg / m²)</td>
<td>.83</td>
<td>86</td>
<td>44</td>
<td>OTHER THAN DOORS DOOR</td>
<td>7,442 in² (4.80 m²)</td>
<td>3,724 in² (2.40 m²)</td>
<td>96&quot; (2.44 m)</td>
</tr>
<tr>
<td>90 min.</td>
<td>90-102</td>
<td>Single Glazing</td>
<td>1–7/16&quot; (37 mm)</td>
<td>17.61 lb / ft² (86.00 kg / m²)</td>
<td>.74</td>
<td>84</td>
<td>45</td>
<td>OTHER THAN DOORS DOOR</td>
<td>3,724 in² (2.40 m²)</td>
<td>3,724 in² (2.40 m²)</td>
<td>96&quot; (2.44 m)</td>
</tr>
<tr>
<td>2 hours</td>
<td>120-104</td>
<td>I.G. Units</td>
<td>2–1/8&quot; (54 mm)</td>
<td>21.71 lb / ft² (106.00 kg / m²)</td>
<td>.44</td>
<td>75</td>
<td>46</td>
<td>OTHER THAN DOORS DOOR</td>
<td>3,730 in² (2.41 m²)</td>
<td></td>
<td>111&quot; (2.81 m)</td>
</tr>
<tr>
<td>2 hours</td>
<td>120-106</td>
<td>I.G. Units</td>
<td>2–1/4&quot; (57 mm)</td>
<td>22.94 lb / ft² (112.00 kg / m²)</td>
<td>.42</td>
<td>75</td>
<td>46</td>
<td>OTHER THAN DOORS DOOR</td>
<td>3,730 in² (2.41 m²)</td>
<td></td>
<td>111&quot; (2.81 m)</td>
</tr>
<tr>
<td>2 hours</td>
<td>120-401</td>
<td>I.G. Units</td>
<td>2–13/16&quot; (72 mm)</td>
<td>30.72 lb / ft² (150.00 kg / m²)</td>
<td>.46</td>
<td>73</td>
<td>45</td>
<td>FIREFRAMES CLEARFLOOR® SYSTEM</td>
<td>2,372 in² (1.53 m²)</td>
<td>47–1/4&quot; (1.20 m)</td>
<td>50–3/8&quot; (1.28 m)</td>
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</tbody>
</table>

*Performance values vary for exterior I.G. units based on coating and configuration. Some of the available Pilkington hard coatings include Eclipse Advantage, Solar-E™ Solar Control Low-E and Energy Advantage Low-E. Contact TGP for availability and integration of high performance hard and soft coated products.

WHEN PROVIDED PROJECT-SPECIFIC CRITERIA (SUCH AS WIND LOAD, SEISMIC MOVEMENT, STRUCTURAL, AIR/WATER RESISTANCE, ETC.), TGP CAN VERIFY THE INTENDED FENESTRATION CONFIGURATION (GLASS AND FRAMING) WILL PERFORM TO MEET THOSE REQUIREMENTS. FOR APPROVED FRAMING SYSTEMS FOR USE WITH PILKINGTON PYROSTOP, VISIT FIREGLASS.COM OR CALL 800.426.0279.