Fireframes® Heat Barrier Series doors and frames combined with Pilkington Pyrostop® glass, provides a barrier to radiant and conductive heat transfer. Incorporating precise European engineering, the system also allows full-lite fire doors for aesthetic or security reasons.

**Features**
- Fire-ratings of 60-120 minutes with required hose stream test
- Narrow steel profiles
- Full-lite doors available in single leaf or double leaf design
- Modular system that can incorporate 60/90 minute full-lite temperature rise doors
- Can incorporate large individual panes of Pilkington Pyrostop® fire-resistive-rated glass, comprised of Pilkington Optiwhite™ glass and clear intumescent interlayers
- Frames supplied “K-D” (knock-down) ready for installation or welded depending on application
- Unrestricted glazing area for use in locations where total glazing exceeds 25% of wall area
- Durable steel frames ensure low maintenance system
- Door hardware available to fit functional requirements. Check with TGP for compatibility
- Finish painted at the factory to match desired color scheme
- Easy installation similar to typical storefront systems
- Passes wall assembly test standard UL263 / ASTM E-119 for 60 and 120 minute ratings

**Listings/Standards**
Classified and labeled by Underwriters Laboratories Inc.® and Underwriters Laboratories of Canada. File numbers R19207 (doors), R25229 (windows), R25274 (walls), design number U533 (W474 Canada). Tests performed in accordance with:

UL 9
UL 10B
UL 10C
UL 263
UL 752 (110 mm frame)

**Specifications**
Complete 3-part CSI format specifications are available online at fireglass.com, or by calling 800.426.0279.

**Framing**

<table>
<thead>
<tr>
<th>Rating</th>
<th>Max. Exposed Glass Area Per Piece</th>
<th>Max. Exposed Glass Dimension</th>
</tr>
</thead>
<tbody>
<tr>
<td>60 min.</td>
<td>7,442 in² (4.80 m²)</td>
<td>118-1/8&quot; (3.00 m)</td>
</tr>
<tr>
<td>90 min.</td>
<td>3,724 in² (2.40 m²)</td>
<td>96&quot; (2.44 m)</td>
</tr>
<tr>
<td>120 min.</td>
<td>3,730 in² (2.41 m²)</td>
<td>111&quot; (2.81 m)</td>
</tr>
</tbody>
</table>

**Doors**

<table>
<thead>
<tr>
<th>Rating</th>
<th>Max. Single Door Leaf Size</th>
<th>Max. Exposed Glass Size Per Piece</th>
</tr>
</thead>
<tbody>
<tr>
<td>60 min.</td>
<td>48-7/8&quot; x 95-15/16&quot; (1.24 m x 2.44 m)</td>
<td>41-5/8&quot; x 89-3/4&quot; (1.06 m x 2.28 m)</td>
</tr>
<tr>
<td>90 min.</td>
<td>48-7/8&quot; x 95-15/16&quot; (1.24 m x 2.44 m)</td>
<td>41-5/8&quot; x 89-3/4&quot; (1.06 m x 2.28 m)</td>
</tr>
</tbody>
</table>

*Note: Individual lite sizes cannot exceed “Max. Exposed Area” shown above.*
DOOR DETAILS

All door hardware for Fireframes Heat Barrier Series doors is supplied by Technical Glass Products. Please contact TGP regarding your individual hardware requirements.

Standard hardware may include:
- Hinges
- Surface mounted closers
- Single mortise lock
- Panic hardware
- Tall bottom rails

WINDOW DETAILS

All door hardware for Fireframes Heat Barrier Series doors is supplied by Technical Glass Products. Please contact TGP regarding your individual hardware requirements.