Fire-Rated Narrow Profile Steel Doors & Frames
Fire Rating: 60/90/120 Minutes

Fireframes® Heat Barrier Series doors and frames combined with Fireglass®, provides a barrier to radiant and conductive heat transfer. Incorporating precise 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 Fireglass 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 UL 263/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” (3.00 m)</td>
</tr>
<tr>
<td>90 min.</td>
<td>3,724 in² (2.40 m²)</td>
<td>96” (2.44 m)</td>
</tr>
<tr>
<td>120 min.</td>
<td>3,730 in² (2.41 m²)</td>
<td>111” (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” x 95–15/16” (1.24 m x 2.44 m)</td>
<td>41–5/8” x 89–3/4” (1.06 m x 2.28 m)</td>
</tr>
<tr>
<td>90 min.</td>
<td>48-7/8” x 95–15/16” (1.24 m x 2.44 m)</td>
<td>41–5/8” x 89–3/4” (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