Fire-Rated Steel Curtain Wall
Fire Rating: 45/60/120 Minutes

Fireframes® Curtainwall Series incorporates precise engineering allowing for large, multi-story expanses of glass in interior and exterior applications using narrow steel profiles.

FEATURES
• Fire ratings of 45, 60 and 120 minutes with required hose stream test
• Unrestricted glazing area for use in locations where total glazing exceeds 25% of wall area (60 and 120 minutes)
• Compatible with full-lite doors from TGP in single leaf or double leaf design (see Fireframes Designer Series or Fireframes Heat Barrier Series)
• Narrow steel and stainless steel profiles
• Air and water pressure tested and approved for exterior use
• Easy installation similar to typical pressure plate curtain wall
• Frames supplied “K-D” (knock down) ready for installation or welded depending on application
• Incorporates large individual panes of Fireglass® fire-resistive-rated glass, composed of Pilkington Optiwhite™ glass and clear intumescent interlayers
• Durable steel and stainless steel frames ensure low maintenance system
• Finished face caps (aluminum, stainless steel, etc.) to meet project needs
• Custom aluminum face caps to meet project needs
• Finish painted at the factory to match desired color scheme
• Select profiles are available in 304 stainless steel up to 60 minutes (#4 brush finish)

LISTINGS/STANDARDS
Classified and labeled by Underwriters Laboratories Inc. and Underwriters Laboratories of Canada. File numbers R25274 (walls) and R25229 (windows), design number U537 (W473 Canada). Frame tests performed in accordance with:

UL 9
UL 263
NFPA 251
NFPA 257
CAN/ULC-S101
CAN 4 S-106
ASTM E119
ASTM E283
ASTM E330
ASTM E331


FRAMING

<table>
<thead>
<tr>
<th>RATING</th>
<th>MAX. EXPOSED GLASS AREA PER PIECE</th>
<th>MAX. EXPOSED GLASS DIMENSION</th>
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</thead>
<tbody>
<tr>
<td>45 min.*</td>
<td>4,500 in² (2.90 m²)</td>
<td>95-1/4* (2.42 m)</td>
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<tr>
<td>60 min.**</td>
<td>7,442 in² (4.80 m²)</td>
<td>118-1/8* (3.00 m)</td>
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<tr>
<td>120 min.**</td>
<td>3,730 in² (2.41 m²)</td>
<td>111* (2.81 m)</td>
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</table>

* 45 minute window systems are classified as an Opening Protective as per UL 9 with a maximum overall frame size of 152 square feet.
** 60 and 120-minute tests conducted per UL 263 / ASTM E-119. Therefore assembly is classified as a wall assembly, and not subject to “opening” area limitations.

Note: Individual lite sizes cannot exceed “Max. Exposed Area” shown above.
45 MM MULLION PROFILE OPTIONS

AVAILABLE IN 304 STAINLESS STEEL WITH #4 BRUSH FINISH

STAINLESS STEEL COVER CAPS

ALUMINUM COVER CAPS
60 MM MULLION PROFILE OPTIONS

* AVAILABLE IN 304 STAINLESS STEEL WITH #4 BRUSH FINISH

STAINLESS STEEL COVER CAPS

ALUMINUM COVER CAPS

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