QC300

METAL PROPERTIES

- **E** Modulus of Elasticity (Young Modulus) 10100 psi
- **L** Deflection Criteria of Aluminum Panel L/180 (may vary by product)

<table>
<thead>
<tr>
<th>Product</th>
<th>Offered by QC</th>
<th>3' X length</th>
<th>4' X length</th>
<th>5' X length</th>
<th>Flatness Differential</th>
<th>Fire Rated</th>
<th>NOA</th>
<th>Max Dim</th>
<th>Joint Type</th>
<th>Joint Sizes</th>
<th>Finishes Opt.</th>
<th>Best Orient.</th>
</tr>
</thead>
<tbody>
<tr>
<td>QC50 (1&quot;)</td>
<td>YES</td>
<td>L / 240</td>
<td>L / 180</td>
<td>L / 120</td>
<td>2 x allowable code</td>
<td>BS 476 Class A</td>
<td>none</td>
<td>4&quot; x 16&quot;</td>
<td>Varies</td>
<td>Varies</td>
<td>Zinc/Alum</td>
<td>Vert / Horiz</td>
</tr>
<tr>
<td>QC100</td>
<td>YES</td>
<td>L / 240</td>
<td>L / 180</td>
<td>L / 120</td>
<td>2 x allowable code</td>
<td>BS 476 Class A</td>
<td>none</td>
<td>5&quot; x 20&quot;</td>
<td>Labrinth</td>
<td>1&quot;</td>
<td>Zinc/Alum</td>
<td>Vertical</td>
</tr>
<tr>
<td>QC200</td>
<td>YES</td>
<td>L / 240</td>
<td>L / 180</td>
<td>L / 120</td>
<td>2 x allowable code</td>
<td>BS 476 Class A</td>
<td>none</td>
<td>5&quot; x 20&quot;</td>
<td>Ship Lap</td>
<td>1/2&quot;</td>
<td>Zinc/Alum</td>
<td>Vert / Horiz</td>
</tr>
<tr>
<td>QC300</td>
<td>YES</td>
<td>L / 240</td>
<td>L / 180</td>
<td>L / 120</td>
<td>2 x allowable code</td>
<td>NFPA 255 Class A</td>
<td>Certified</td>
<td>5&quot; x 20&quot;</td>
<td>Open</td>
<td>3/16&quot;</td>
<td>Zinc/Alum</td>
<td>Vert / Horiz</td>
</tr>
<tr>
<td>QC Bi (Pole)</td>
<td>YES</td>
<td>L / 180</td>
<td>L / 120</td>
<td>L / 60</td>
<td>Minimum Code</td>
<td>All Alum. Coat.</td>
<td>-</td>
<td>5&quot; x 20&quot;</td>
<td>Ship Lap</td>
<td>1/2&quot;</td>
<td>Zinc/Alum</td>
<td>Vert / Horiz</td>
</tr>
<tr>
<td>ACM - Plastic Core</td>
<td>NO</td>
<td>L / 180</td>
<td>L / 120</td>
<td>L / 60</td>
<td>Minimum Code</td>
<td>Non-app.</td>
<td>Varies</td>
<td>4&quot; x 14&quot;</td>
<td>4&quot; x 14&quot;</td>
<td>Varies</td>
<td>Zinc/SS/Alum</td>
<td>Vert / Horiz</td>
</tr>
<tr>
<td>Storefront Mullions</td>
<td>NO</td>
<td>L / 120</td>
<td>L / 120</td>
<td>L / 120</td>
<td>Minimum Code</td>
<td>Varies</td>
<td>Varies</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
</tbody>
</table>

*Standard Panel Code Minimum = L / 60 @ 50psf, figures based on 50psf

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QUADROCLAD METAL FACADE PANELS

OUR METAL FACADES FEATURE LIGHTWEIGHT SKINS FUSED TO AN EXPANDED HONEYCOMB CORE OF ALUMINUM FOR EXTREME STRENGTH AND FLATNESS IN SIZES UP TO 1500MM (4.9FT) WIDE AND 6100MM (20FT) LONG. OUR SYSTEM OFFERS SPECIALTY SHAPES AND CURVES, AS WELL AS A WIDE RANGE OF COLORS.

1 = PRE-COATED AND ROLL FORMED ALUMINUM
2 = ADHESIVE FILE
3 = ALUMINUM HONEYCOMB
4 = ADHESIVE FILE
5 = PRE-COATED ALUMINUM INTERNAL SKIN

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A  HORIZONTAL JOINT

- QC 300 PANEL
- FIXING PLATE JOINT
- RETAINER FIXED/SLIDING
- MODULE LINE
- QC MINI RAIL NUT
- QC MINI RAIL
- AIR GAP
- FRAMING BY OTHERS
- SHEATHING BY OTHERS
- EXTERIOR INSULATION OTHERS
- FASTENERS BY OTHERS
- ALUMINIUM "Z" PROFILE

B  VERTICAL JOINT

- QC MINI RAIL NUT
- QC MINI RAIL
- FIXING PLATE JOINT
- RETAINER SLIDING
- RETAINER FIXED
- QC 300 PANEL
- FRAMING BY OTHERS
- SHEATHING BY OTHERS
- FASTENERS BY OTHERS
- ALUMINIUM "Z" PROFILE

C  PARAPET CONDITION

- MODULE LINE
- PARAPET FLASHING BY OTHERS
- TOP RETAINER FIXED/SLIDING
- TOP RETAINER MID-SSPAN
- QC MINI RAIL NUT
- QC MINI RAIL
- QC 300 PANEL
- ALUMINIUM "Z" PROFILE
- FASTENERS BY OTHERS
- EXTERIOR INSULATION BY OTHERS
- FRAMING BY OTHERS
- SHEATHING BY OTHERS
- AIR GAP

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