QC50

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 (**)</td>
<td>YES</td>
<td>L / 240</td>
<td>L / 180</td>
<td>L / 120</td>
<td>2 x allow able code</td>
<td>BS 476 Class A</td>
<td>none</td>
<td>4' x 16'</td>
<td>Varies</td>
<td>Varies</td>
<td>Zinc/SS/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 allow able code</td>
<td>BS 476 Class A</td>
<td>none</td>
<td>6' x 20'</td>
<td>Labirth</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 allow able code</td>
<td>BS 476 Class A</td>
<td>none</td>
<td>5' x 26'</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 allow able code</td>
<td>NFPA 285 Class A</td>
<td>Certified</td>
<td>5' x 26'</td>
<td>Open</td>
<td>3/8&quot;</td>
<td>Zinc/Alum</td>
<td>Vert / Horiz</td>
</tr>
<tr>
<td>QC5 (Plate)</td>
<td>YES</td>
<td>L / 180</td>
<td>L / 120</td>
<td>L / 60</td>
<td>Minimum Code</td>
<td>All Alum. Const.</td>
<td>-</td>
<td>6' x 26'</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 - approved</td>
<td>Varies</td>
<td>4' x 14'</td>
<td>4' x 14'</td>
<td>varies</td>
<td>Zinc/SS/Alum</td>
<td>Vert / Horiz</td>
</tr>
<tr>
<td>Steelfront Mullions</td>
<td>NO</td>
<td>L / 120</td>
<td>L / 120</td>
<td>L / 120</td>
<td>Varies</td>
<td>Varies</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>Zinc/SS/Alum</td>
<td>N/A</td>
</tr>
</tbody>
</table>

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

NOTE:
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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 UP 1500MM (4.9FT) WIDE AND 4875MM (16FT) 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

*NOTE: PANELS ARE TO BE FIXED IN TOP LEFT CORNER

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A. HORIZONTAL JOINT

- Z-CLIP HIDDEN SUPPORT SYSTEM PROVIDED, CONTRACTOR TO INSTALL
- QC50 PANEL
- AIR GAP
- ALUMINUM "Z" SUB GIRT
- SHEATHING BY OTHERS
- EXTERIOR INSULATION OTHERS
- FRAMING BY OTHERS
- OPTIONAL JOINT COVER BEYOND
- FASTENERS BY OTHERS

B. VERTICAL JOINT

- FRAMING BY OTHERS
- SHEATHING BY OTHERS
- FASTENERS BY OTHERS
- ALUMINUM "Z" PROFILE
- Z-CLIP HIDDEN SUPPORT SYSTEM PROVIDED, CONTRACTOR TO INSTALL
- QC50 PANEL
- JOINT TRIM OPTIONAL

C. PARAPET CONDITION

- PARAPET FLASHING BY OTHERS
- FASTENERS BY OTHERS
- ALUMINUM "Z" SUB GIRT
- Z-CLIP HIDDEN SUPPORT SYSTEM PROVIDED, CONTRACTOR TO INSTALL
- QC50 PANEL
- AIR GAP
- EXTERIOR INSULATION OTHERS
- FRAMING BY OTHERS
- SHEATHING BY OTHERS
- INTERIOR INSULATION BY OTHERS

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