**QCSI CLAD QC**

**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 QCF</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′)</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>non</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>non</td>
<td>5′ x 20′</td>
<td>Linerith 1″</td>
<td>Zinc/Alum</td>
<td>Vertical</td>
<td></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>non</td>
<td>5′ x 20′</td>
<td>Ship Lap 1/2″</td>
<td>Zinc/Alum</td>
<td>Vert / Horiz</td>
<td></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>Cert</td>
<td>5′ x 20′</td>
<td>Open 3/8″</td>
<td>Zinc/Alum</td>
<td>Vert / Horiz</td>
<td></td>
</tr>
<tr>
<td>QC St (Plate)</td>
<td>YES</td>
<td>L / 100</td>
<td>L / 120</td>
<td>L / 60</td>
<td>Minimum Code</td>
<td>All Alum. Const.</td>
<td>-</td>
<td>5′ x 20′</td>
<td>Ship Lap 1/2″</td>
<td>Zinc/Alum</td>
<td>Vert / Horiz</td>
<td></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>Not Approved</td>
<td>Varies</td>
<td>4′ x 14′</td>
<td>4′ x 14′</td>
<td>Zinc/SS/Alum</td>
<td>Vert / Horiz</td>
<td></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>Zinc/SS/Alum</td>
<td>N/A</td>
<td></td>
</tr>
</tbody>
</table>

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

**NOTE:**
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GENERAL ASSEMBLY FRONT

GENERAL ASSEMBLY BACK

A. QC CLIP

B. HAT CHANNEL

C. "Z" PROFILE

NOTE:
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A) HORIZONTAL JOINT

- QC SI CLAD PANEL
- FASTENERS BY OTHERS
- Z OR HAT CHANNEL SUPPORT
- QC CLIP
- SHIM
- 1/2" VERTICAL CHANNEL
- AIR GAP
- FRAMING BY OTHERS
- SHEATHING BY OTHERS
- INSULATION OTHERS

B) VERTICAL JOINT

- FRAMING BY OTHERS
- INTERIOR INSULATION BY OTHERS
- FASTENERS BY OTHERS
- SHEATHING BY OTHERS
- ALUMINIUM "Z" PROFILE
- HAT CHANNEL
- QC CLIP
- QC SI CLAD PANEL

C) PARAPET CONDITION

- PARAPET FLASHING BY OTHERS
- SHIM
- ALUMINIUM "Z" PROFILE
- FASTENERS BY OTHERS
- VERTICAL CHANNEL SUPPORT
- QC SI CLAD PANEL
- INTERIOR INSULATION BY OTHERS
- FRAMING BY OTHERS
- SHEATHING BY OTHERS
- AIR GAP

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