Each TC Rainscreen panel production run is tailored to the specific color, shape, and texture characteristics unique to your project. These panels have a ship-lapped profile, shown left, with a minimum height of 6 inches, maximum height of 24 inches, and maximum length of 5’-6”. TC Rainscreen is attached to Fast Track Bronze. This is an open, ventilated facade system that allows moisture drainage and air flow at the back of the panels. Refer to page 29 for details on corners and rain blockers. These are best suited for walls and soffits. Panel edges are cut per shop drawings at the plant. Custom sizes, shapes, colors, and glazing are available upon request.

Specifications

<table>
<thead>
<tr>
<th>Standard Size</th>
<th>Thickness</th>
<th>Colors</th>
<th>Finishes</th>
<th>Weight</th>
<th>Coursing</th>
<th>Installation</th>
</tr>
</thead>
<tbody>
<tr>
<td>16” x 36”</td>
<td>30mm</td>
<td>See pages 27-28 for options.</td>
<td>See page 26 for options.</td>
<td>~8.4 lbs per square foot</td>
<td>Continuous horizontal, flexible vertical joint, vertical orientation possible with special cut kerfs at panel ends</td>
<td>Panel rests on horizontal Fast Track Bronze brackets &amp; is secured with clips at the top lip</td>
</tr>
<tr>
<td>16” x 48”</td>
<td></td>
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<td></td>
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</tr>
<tr>
<td>18” x 36”</td>
<td></td>
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</tr>
</tbody>
</table>

Suggested coursing patterns shown.

Coursing Patterns

- Horizontal Stacked Bond
- Vertical Running Bond
- Horizontal Random Running Bond
- Horizontal Zipper Bond

Smooth panel in Colonial Maple
Parapet cap assembly by others

Fast Track Bronze top receiver bracket assembly attached to sub frame

Wall framing per type, size and spacing required

Water resistant barrier

Exterior insulation by others

All fasteners per engineering requirements

Fast Track Bronze intermediate bracket assembly attached to sub frame

TC Rainscreen panel

Sub frame attached to stand-off

TC Rainscreen panel

Fast Track Bronze starter bracket assembly attached to sub frame

Recommended brick ledge (size based on amount of insulation required)

Foundation by others

**Characteristics**

- **Absorption**
  - ASTM C67-02C
  - 2.6 - 4.7%

- **Moisture Expansion**
  - ISO 10545-10
  - < 0.06%

- **Modulus of Rupture**
  - ASTM E880/C880M-15
  - 1838 - 1874 psi

- **Freeze & Thaw**
  - ASTM C67
  - Tested to 50 Cycles & Passed

- **Reaction to Fire**
  - ASTM C67
  - Non flammable

- **Breaking Strength**
  - ASTM E880/C880-15
  - 1180 - 1198 lbf

- **Efflorescence**
  - ASTM C67-02C
  - No efflorescence

- **Chemical Resistance**
  - ASTM C67-02C
  - Resistant to low concentrations of acid and alkalis

**Panel Manufacturing Tolerances**

*Panel Manufacturing Tolerances are subject to change as per manufacturing requirements.*

**Wall Assembly**

- Exterior Insulation
- Fast Track Bronze Intermediate Bracket
- Fast Track Bronze Clip
- TC Rainscreen Panel
- Water Resistant Barrier
- Sub Frame
- Sheathing

Smooth panel in Redwood: 300mm x 900mm x 20mm

Smooth and Linear textures in Colonial Maple: 410mm x 30mm, 35mm, 80mm