Are you prepared for the 2020 Net Zero building energy efficiency standards? Let Atlas Molded Products help you with your Title 24 exterior insulation needs!

- Sizes available: 2’x8’ and 4’x8’
- Integrated drainage channels on the back side
- Front side anti-slough dimples for improved mechanical bonding of stucco
- Improved Title 24 compliance margin

<table>
<thead>
<tr>
<th>Property</th>
<th>ASTM Test Method</th>
<th>ThermalStar T&amp;G</th>
</tr>
</thead>
<tbody>
<tr>
<td>Compressive Strength (minimum psi) at 10% Deformation</td>
<td>D1621</td>
<td>15</td>
</tr>
<tr>
<td>Product Thickness</td>
<td>-</td>
<td>1”</td>
</tr>
<tr>
<td>Product R-value (minimum) at 75°F Mean Temperature</td>
<td>C518</td>
<td>R4.2</td>
</tr>
<tr>
<td>ASTM Classification</td>
<td>C578</td>
<td>Type II</td>
</tr>
<tr>
<td>Compressive Strength (minimum psi) at 1% Deformation</td>
<td>D1621</td>
<td>8</td>
</tr>
<tr>
<td>Flexural Strength (minimum psi)</td>
<td>C203</td>
<td>40</td>
</tr>
<tr>
<td>Water Absorption Percent (%) by Volume, Maximum</td>
<td>C272</td>
<td>2.0</td>
</tr>
<tr>
<td>Water Vapor Permeance at 1” Thick (perms)</td>
<td>E96</td>
<td>3.0</td>
</tr>
<tr>
<td>Surface Burning - Flame Spread and Smoked Developed</td>
<td>E84</td>
<td>FS 20, SD 400 (meets code)</td>
</tr>
<tr>
<td>Maximum Use Temperature</td>
<td>-</td>
<td>Short Term (10–15 minutes) 180°F, Long term 165°F</td>
</tr>
</tbody>
</table>
Advantages of T&G and One Coat Stucco Systems:

SHORTER CONSTRUCTION TIME:
Compared to three coat stucco systems, only one base coat is needed, which results in lower labor costs, and a finish coat can be applied in as little as 24 hours after the base coat.

ENERGY EFFICIENCY:
ThermalStar T&G for one coat stucco systems contributes towards energy code compliance and provides better energy efficiencies than three coat systems due to the continuous EPS sheathing that is used in one coat stucco systems.

STABLE R-VALUE:
ThermalStar T&G’s thermal performance is stable over time, assuring R-value meets design requirements over the life of the structure.

DURABLE:
One coat stucco systems featuring ThermalStar T&G are able to withstand years of weather and abuse with little maintenance.

ENVIRONMENTALLY FRIENDLY:
The insulating cells of ThermalStar T&G only contain air, providing an environmentally friendly insulation solution with zero global warming potential.

INSTALLATION AND HANDLING
T&G can be handled much the same as any other foam or wood sheathing, using similar tools or simple utility knives to customize panels to fit the application.

SAFETY
SDS for this product available at atlasmoldedproducts.com. Dust generated from sanding or cutting T&G should be avoided using a dust mask. T&G insulation is combustible and the product should be protected from ignition sources such as open flames or welder’s torch. Applications not specifically listed in ICC-ES ESR-1962 require permanent separation of T&G insulation from the interior of the building by a thermal barrier such as drywall or concrete for fire safety.

WARRANTY
T&G Insulation is backed by a limited lifetime warranty for physical and thermal performance.

CODE COMPLIANCE
ThermalStar T&G insulation complies with the model building codes when properly installed:

- Surface Burning – UL BRYX.R16529
- Physical Properties – UL QORW.R16529
- Cal Std Reg #CA472
- CAN/ULC S102.2, S701 – ULC BOZCC.R16529
- International Energy Conservation Code
- International Residential Code (IRC) – UL ER16529.1, ESR-1962
- International Building Code (IBC) – UL ER16529.1, ESR-1962
- ASTM C578 – Type II