

## ▶ 3-Coat Stucco with Continuous Installation

Revised December 2024

Energy code advancements increasingly necessitate the incorporation of continuous insulation (CI) in framed wall assemblies to meet thermal performance standards. This requirement is particularly significant in steel stud construction, where the phenomenon of thermal bridging—heat or cold transferring directly through the conductive steel studs—can significantly diminish the effective R-value of cavity insulation.

Continuous insulation, applied to the exterior (outboard) side of the framing, creates an uninterrupted thermal barrier that minimizes thermal bridging. By mitigating this effect, CI not only preserves the thermal integrity of the wall assembly but also enhances its overall effective R-value, ensuring compliance with stringent energy code requirements. Additionally, CI contributes to improved thermal performance across the building envelope, supporting energy efficiency and occupant comfort.

**We recommend the following products for Wall Assembly for continuous insulation assemblies for 3-Coat Stucco (Portland Cement Plaster) 3/4" to 7/8" thick at 10psf:**

Stud Spacing over 16"	Mega Lath
Stud spacing over 16" with Z-Girts	Mega Lath can be installed vertical to the framing
Stud spacing at 16" or under	Twin Trac 2.5

### **Attachment:**

Pan head or Wafer head (7/16 inch head diameter) sheet metal screws.

No 10-16; galvanized or zinc coated; self-drilling; length – threads to penetrate metal framing by 1/2 inch.

Spacing – vertically along each framing member, at each Twin Trac location, nominal 6 inch C-C.

### **Continuous insulation:**

#### **1-1/2 inch or 2 inches thick**

Minimum compressive strength 25 psi

With high compressive creep and fatigue resistance

**WRB:** Fluid applied or building wrap or asphalt paper.

**Sheathing:** ½ inch plywood or ½ inch Dens Glass.

**Steel framing:** Light gauge metal framing, 16 inch o.c., minimum 20ga (0.030 inch)

If you need further information or have a specific question about installation – please do not hesitate to be in touch with us.