

# StoneCoat Fusion (SF) Panels Installation Instructions

## 1 Cladding or Exterior Floor Wall or Roof Covering – StoneCoat

- 1.1 Factory-prepared mixture of crushed limestone and other proprietary ingredients used as an exterior wall covering. StoneCoat is applied directly to a proprietary foam sheathing and laminate composite panel with no additional lath.
- 1.2 *Fastening*
  - 1.2.1 Spread onto the exterior sheathing per manufacturer instructions.

## 2 Exterior Sheathing

- 2.1 2" XPS foam plastic insulation factory adhered to a proprietary laminate. The laminate faces the exterior and is attached to structural members a maximum of 16" o.c. All panel edges and ends require the exterior sheathing to be glued and fastened to a structural member.
- 2.2 When StoneCoat is used as the cladding, StoneCoat is applied directly to the laminate.
- 2.3 *Fastening*
  - 2.3.1 The exterior sheathing with the laminate facing the exterior is fastened to wood structural members with #9 x 3" screws at 12" on center spacing around the perimeter and 12" on center in the field.
  - 2.3.2 A  $\frac{3}{8}$ " bead of LIQUID NAILS® Heavy Duty Construction Adhesive is applied each structural member, along the length of the structural member and top/bottom plates/rim boards. The foam sheathing side (i.e., non-laminate side) is adhered to each structural member post adhesive application.

## 3 Structural Member

- 3.1 A minimum 2x4 #2 SPF (minimum SG of 0.42) grade marked lumber applied at a maximum of 16" o.c.
  - 3.1.1 Other lumber types, grades and sizes can be used if their design values are equal to or better than 2x4 #2 SPF.
- 3.2 *Fastening*
  - 3.2.1 Three (3) Nails 3" x 0.131" per structural member are required at top/bottom plates when used in walls and for rim board attachment when used in floors or roofs.

## 4 Cavity Insulation

- 4.1 Any type of cavity insulation can be used.
- 4.2 Fastening is per cavity insulation manufacturer instructions.

## 5 Interior Sheathing

- 5.1 Minimum  $\frac{1}{2}$ " gypsum wallboard attached to a structural member.
- 5.2 *Fastening*
  - 5.2.1 Fastened to each structural member with #6  $1\frac{1}{4}$ " Type W screws at 16" on center spacing around the perimeter and 16" on center in the field. Adhesive can also be applied but is not a requirement.