

3 IN 1 ROOF System Manufacturer's Installation Instructions

Slope Limitations – 4:12 up to 12:12

COMPONENTS	DETAILS	ATTACHMENT METHOD
DensDeck® Prime Roof Board	Nominal 1/4" or 1/2" or 5/8" thick	Secure to the plywood using 1-1/4" x 0.120" coated ring shank nails spaced 12" on center in each row and with the rows spaced 18" on center.
Drip edge	The drip edge shall be constructed from 26 Ga galvanized steel and measuring 3" x 3"	Secure through the top leg using 1-1/4" x 0.120" coated ring shank nails spaced 4" on center. Roof cement was used at the corners and overlaps. Spray on asphalt primer shall be applied to the top of the drip edge following installation.
Valley Metal	The valley shall be constructed from 26 Ga galvanized steel and measuring minimum 20" wide	Secure using two rows of 1-1/4" x 0.120" coated ring shank nails spaced 6" on center. Roof cement and a 4" wide fiberglass mat roll were utilized at the perimeter of the valley. Spray on asphalt primer shall be applied to the top of the valley following installation.
Flintlastic® SA Self-Adhering SBS Modified Bitumen Cap Sheet (or any other approved self-adhering granular cap sheet type).	Apply across the entire roof deck.	Self-Adhered per manufacturer's instructions
Field Tiles -Starter Field Tiles -Triple Field Tiles -Single Field Tiles	All tiles shall have a cementitious topcoat and shall be constructed from polyurethane foam with an overlap on each side. The starter tile shall be used at the 2' front/lower section of the slope. Field tiles (both single and triple sizes) shall be used in all areas of the roof covered by DensDeck®.	The tiles shall be adhered to the Flintastic cap sheet by placing roof tile adhesive into the pocket(s) on the underside of the tile. 8 to 10 grams shall be dispensed into each of the pockets mentioned above. Tile adhesive shall be ICC or Miami-Dade approved type.

<p>End Enclosure Tile</p> <p>-Rake Tiles</p>	<p>All tiles shall have a cementitious topcoat and shall be constructed from polyurethane foam with an overlap on each side.</p>	<p>The Rake Tiles shall be used at the eve section or the rake and at the left and right side of the field tiles.</p> <p>1/2" wide bead shall be dispensed onto the top side of each field tile and secure with two 3" long galvanized wood screws in the upper but outside area of the Rake tile where the next Rake tile shall overlap and hide said screws.</p> <p>Tile adhesive shall be ICC or Miami-Dade approved type.</p>
<p>Edge Enclosure Tile</p> <p>-Hip and Ridge Tiles</p>	<p>All tiles shall have a cementitious topcoat and shall be constructed from polyurethane foam with an overlap on each side.</p>	<p>The tiles shall be adhered to the Flintastic cap sheet by placing roof tile adhesive into the Ridge or Hip space purposely voided or left between opposing decking.</p> <p>8 to 10 grams shall be dispensed into void every 6-8 inches.</p> <p>Tile adhesive shall be ICC or Miami-Dade approved type.</p>