

STRATABOND 100

REINFORCING FABRIC

DESCRIPTION

STRATABOND 100 is a 1.5-oz/sq-yd high strength, spun bonded polyester fabric used as a reinforcing layer with STRATASEAL HR hot-applied rubberized asphalt membrane. STRATABOND 100 maintains its physical properties when wet and dimensionally stable over varying humidity levels and exhibits high resistance to splitting and cracking from thermal shock.

APPLICATIONS

STRATABOND 100 is used as the reinforcing layer between the 90-mil base coat and the 125-mil thick top coat of STRATASEAL HR hot-applied rubberized asphalt membrane composite. STRATABOND 100 strips are also used as reinforcement when detailing concrete cracks and joints less than 4.8 mm (3/16") in width during substrate preparation work prior to the 2.3 mm (90-mil) base layer of the 215-mil thick STRATASEAL HR system.

INSTALLATION

Crack/Joint Reinforcement: Reinforce all non-moving cracks and joints 4.8mm (3/16") in width or less with a minimum 150 mm (6") wide strip of STRATABOND 100 reinforcement sheet embedded in the top surface of a 2.3 mm (90 mil) thick by 225 mm (9") wide tack coat of STRATASEAL HR. Embed the reinforcing while the tack coat is still warm and tacky. As applicable, overlap the reinforcing strip ends a minimum 50 mm (2") ensuring the overlap receives rubberized asphalt.

Reinforcement Layer: Apply the base 2.3 mm (90-mil) thick layer of STRATASEAL HR hotapplied rubberized asphalt membrane to the area to be waterproofed. While the base layer is still warm and tacky, fully embed a layer of STRATABOND 100 reinforcement fabric overlapping seam edges a minimum of 12 mm (1/2") to 25 mm (1") ensuring a layer of membrane between overlaps. Firmly press the rein-

forcing fabric into the base layer. Apply a second layer of STRATASEAL HR hot rubberized asphalt membrane over the reinforcing fabric evenly to a minimum thickness of 3.2 mm (125-mils) to form a continuous monolithic coat for a total minimum thickness of 5.5 mm (215-mils).

PRECAUTIONS

Refer to STRATASEAL HR guidelines for reinforcing all non-moving cracks and joints greater than 4.8 mm (3/16") in width with N-FLASH as applicable. all non-moving grouted precast joints shall be reinforced with a minimum 150 mm (6") wide strip of N-FLASH embedded in 2.3 mm (90 mil) thick by 225 mm (9") wide tack coat of STRATASEAL HR.

PACKAGING

STRATABOND 100 roll length is 600 feet; available in a width of .91 m (36").

TECHNICAL DATA		
PROPERTY	TEST METHOD	TYPICAL VALUE
Weight	ASTM D1910	1.5 oz /sq-yd
Tensile Strength	ASTM D2263	39 lbs MD 37 lbs XMD
Trapezoidal Tear Strength	ASTM D2523	13 lbs XMD
Flex Life	ASTM D813	>10,000 cycles

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