

# 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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UPDATED: JANUARY 2018

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