

STRATAPRIME SB

LOW VOC BITUMINOUS ROOF PRIMER

DESCRIPTION

STRATAPRIME SB is a solvent-based asphalt emulsion primer for use with STRATASEAL HR hot-applied rubberized asphalt. It is a spray applied primer that improves the bond of the rubberized asphalt membrane to the concrete substrate. As a solvent based primer, it provides faster drying time and ease of application and can be installed in low temperature conditions.

APPLICATIONS

STRATAPRIME SB is applied onto the concrete substrate by sprayer prior to application of STRATASEAL HR. It can be used in the STRATASEAL HR Protected Membrane Roof Assembly, Plaza Deck Assembly, Split-Slab Construction Assembly, Asphalt Paving Deck Assembly, Greenroof Assembly, or Landscaped Assembly as the surface conditioner.

INSTALLATION

Concrete to receive primer shall be sound, dry, clean and free of voids, spalled areas, laitance, honeycombs, protrusions, dirt and other contaminants which may interfere with the primer and membrane bond. New concrete should be water cured minimum 14 days. Concrete surface shall be light broom or board float textured finish. A steel float finish will provide too smooth of a surface for proper adhesion, therefore should be mechanically treated to roughen surface.

Apply primer to all surfaces to receive STRATASEAL HR rubberized asphalt membrane at a rate of 300-500 sq-ft per gallon (28- 46 sq m/3.8 l) with hand held sprayer. Allow primer to dry prior to installing the membrane. Primed surface of concrete will look discolored, but not black. Install membrane same day as primer and keep primer from being contaminated with dirt, debris, etc. Note: STRATASEAL HR will not bond properly to wet primer.

PRECAUTIONS

STRATAPRIME SB is a flammable product. Use product in adequately ventilated area only. Do not use near open flame, sparks, or other ignition source. Store STRATAPRIME SB off the floor and in ambient temperatures above 40°F (4°C) to keep from freezing. Application of primer shall not be performed during rain, snow or inclement weather; or on wet, ice or frost covered surfaces; or when temperatures are below 0°F (-18°C).

Limit access to work area to required personnel during the installation process. Do not breathe vapors. Do not allow contact with skin or eyes. Wear appropriate protective clothing and respiration protection gear at all times.

PACKAGING

STRATAPRIME SB is packaged in 5-gallon (18.9L) pails. Typical pail weight is 42-lbs (19.2 kgs).

PHYSICAL PROPERTIES		
PROPERTY	TEST METHOD	TYPICAL VALUE
Asphalt by Weight	ASTM D41	41%
Density	ASTM D449	8.3 lbs/gallon
Minimum Application Temp	ASTM D5147	10° F
VOC Content		349 g/liter

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