

RAP 350FR

FIRE RATED PROTECTION CAP

DESCRIPTION

RAP 350FR is heavy duty 160-mils (4.0 mm) thick, fire rated reinforced rubberized asphalt protection cap sheet with granulated top surface. RAP 350FR is reinforced with tough, non-woven synthetic fibers that provide fire resistance properties and membrane that withstands wrinkling, buckling and fish mouths.

APPLICATIONS

RAP 350FR is embedded into the top surface of STRATASEAL HR as the cap layer protecting the hot-applied rubberized asphalt membrane from damage by subsequent toppings and typical construction traffic. 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 protection layer. The granulated surface is UV resistant thereby RAP 350FR can be left as an exposed material.

INSTALLATION

Install RAP 350FR into the top surface of STRATASEAL HR hot-applied rubberized asphalt while it is still warm and tacky. Embed the sheet into the membrane ensuring a good bond. The lap lines will face upward when unrolling. Overlap all seams and laps of the protection layer 3" (75mm) and seal with STRATASEAL HR hot-applied rubberized asphalt in the seams and laps.

Cut as required to fit around all penetration and drainage details. RAP 350FR will lay flush against all edges and not terminate into Flashing. It is designed only as a protection sheet and should not be used as a Flashing membrane. Reference standard detail drawings for appropriate termination details. RAP 350FR protection sheet is compatible with Flash TS and Flash TG torch-weld Flashings, as well as, Flash SA self-adhering Flashing. Upon completion of RAP 350FR, install subsequent toppings as required.

PRECAUTIONS

RAP 350FR is designed as a protection course for STRATASEAL HR hot-applied rubberized asphalt and is not designed for use in built-up roof systems. RAP 350FR can be left exposed to prolonged UV exposure but should not be used as a traffic surface.

PACKAGING

RAP 350FR roll size is 39.4" (1m) x 32'-10" (10m) - 107 sq ft per roll.
 Typical roll weight: 106-lbs (48.1kg).
 RAP 350FR is packaged 20 rolls per pallet.

TECHNICAL DATA		
PROPERTY	TEST METHOD	TYPICAL VALUE
Tensile Strength @ 0°F	ASTM D5147	135 lbsF/in MD; 95 lbsF/in XMD
Elongation @ 0°F	ASTM D5147	4% MD; 4% XMD
Dimensional Stability	ASTM D5147	0.20% MD; 0.20% XMD
Low Temp Flexibility	ASTM D5147	- 10°F (-23°C)

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