



Between the World
and The Weather
Since 1928

Ram 400 PS Self-Adhering Membrane

PRODUCT DESCRIPTION

Ram 400 PS is a self-adhering preformed rubberized asphalt sheet that is reinforced with a high strength polyester fabric which provides superior tensile and puncture resistance. Manufactured with Kraton® SBS rubber polymer and select asphalt, the Ram 400 PS waterproofing sheet has a smooth tacky adhesive surface on both sides with plastic film release sheet adhered to one side for easy unrolling and installation.

Ram 400 PS is used as the top layer of Ram-Tough 250 sub-grade vertical waterproofing system. The Ram - Tough 250 system utilizes the superior properties of fluid applied rubberized asphalt as the base layer and a reinforced self-adhering preformed top layer, avoiding complications often experienced when trying to install reinforcement fabric in multiple plies of hot waterproofing.

FEATURES

- Excellent adhesion properties
- Superior elongation and cold-temp flexibility properties
- Tough spunbond polyester reinforcement
- Low permeance characteristics

BENEFITS

- Excellent compatibility with Ram-Tough 250 systems
- Significantly reduces workmanship errors
- Provides abrasion and puncture resistance
- Self adhesion speeds application and reduces cost

APPLICATION GUIDELINES

Before installation, cut the membrane to the desired length and re-roll in the reverse direction with the tacky side out. Keep the tacky surface clean.

Starting at the lowest point, work up the wall firmly pressing the sheet into the base coat of Ram-Tough 250 with a roller. Care must be taken to remove all air pockets and assure total adhesion. Cut out and repair all wrinkles, buckles and fishmouths.

Before proceeding with the next sheet, remove the “Zip Strip” provided at the side lap. Overlap the proceeding sheet 3 inches and firmly press the lap together. If end-laps are required, remove 6 inches of separator film from the end of the base ply and overlap the proceeding sheet, firmly pressing the two ends together with a roller.

Remove separator film 4 inches from the top edge of the finished membrane and 3 inches from both sides of the side lap. Seal the top edge, all side and end laps with a solid coat of Ram-Tough 250 bitumen.

Install drainage mat, insulation and other components as specified.

Barrett Company, Inc. Millington, NJ 800-647-0100

PHYSICAL PROPERTIES		
Thickness	--	60 mils (±5)
Tensile (reinforcement only)	ASTM D-412	1300 psi
Tensile (membrane)	ASTM D-412	600 psi (min.)
Elongation (Failure of asphalt mass)	ASTM D-412	500%
Puncture Resistance	ASTM E-154	100 lbs.
Permeance	ASTM E-96B	0.003 max.
Pliability	ASTM D-146	Pass
Pliability @ -55°F	ASTM D-146	Pass
Water Absorption (% of weight)	ASTM D-1228	0.23%
Polymer Modifier	--	Kraton® SBS

PACKAGING

Roll Size	30 in. x 50 ft.
Roll Size (gross)	125 sq. ft.
Weight per Roll	60 lbs.

APPLICATION PRECAUTIONS

- Do not apply to wet, damp, dusty, dirty or otherwise contaminated surfaces.
- Do not apply over rough surfaces or voids.
- Mechanical fastening may be required in certain applications.
- Avoid contact with petroleum products, oils, grease, solvents, animal fats and other foreign materials which could affect this products performance.
- Do not leave exposed for extended period of time.
- Not for use with potable water collection systems.
- Consult and follow detailed specification sheet.

PRODUCT SAFETY INFORMATION

Ram 400 PS offers no unusual health or safety risks for a product of this nature. As with any waterproofing process, proper ventilation, clothing and eye protection is important.

For specific information, contact the Barrett Company for a current Material Safety Data Sheet on this product.

The user should not assume that all safety measures are indicated or that other measures may not be required.

Note

All statements, information and data given herein are believed to be accurate and reliable, but are presented without guaranty, warranty or responsibility of any kind, expressed or implied, except as may be indicated herein. Statements or suggestions concerning possible uses of our products are made without representation or warranty that any such use is free of patent infringement and are not recommendations to infringe any patent.

e-mail: info@barrettroofs.com Website: barrettroofs.com