



5/31/2003

Physical Properties

Appearance Roll goods	Color Black, gray, brown, or white	Coverage Black, gray, brown, or white
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Approvals and Certifications

Manufacturer tested in accordance with ASTM D-5147 Standard Test Method for Sampling and Testing Modified Bitumen Roofing Membranes

UL listed for Class A and B fire rated roof coverings.

FM approved. Subject to the conditions of approval as a roof coating when installed as described in the current edition of the FMRC approval guide.

Consult Henry Representative for specific assembly ratings and requirements. (800) 486-1278.

See Henry Roofing Manual for detailed Roofing, Reroofing, and Roof Maintenance & Resoration specifications.



Product Sizes

0.00 gal.	88.40 lbs.		0.00	35.20
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Description

BA250FR - BAKOR MOD+ NP250gM4 FR (WHITE) features:

- Designed for application in new construction, re-roofing, and retrofit roofing.
- Factory applied surface granules to enhance ultra-violet ray resistance and surface durability.
- Highest quality membrane.
- Non-woven polyester, 250 g/m2 reinforcement.
- SBS polymer provides flow resistance at high temperatures and flexibility at low temperatures for lasting durability.
- Excellent tear strength and puncture resistance.
- Highest breaking strength and flexibility at all temperatures.
- Classified by Underwriters Laboratories Inc. for Class A roof covering, fire resistance.

Caution

WARNING: This product contains detectable amounts of chemicals known to the State of California to cause cancer, or birth defects, or other reproductive harm. Contains sand (crystalline silica).

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EMPLOYERS should obtain a copy of the **Material Safety Data Sheet (MSDS)** from your supplier or directly from Henry at the toll free number or website below.

Limitations: Non-resistant to oils and solvents. Refer to manufacturer for specific chemical resistance.

Storage & Handling: Store rolls on end, on original pallets, or elevated platform. Protect from weather or store in an enclosed area not subject to heat over 120° F.

Usage

BA250FR - BAKOR MOD+ NP250gM4 FR (WHITE) is used as the top ply in a two-ply roofing system and as a flashing membrane for modified bitumen, conventional built-up roofing and as a maintenance repair material.

Coverage

Dimensions:

- Roll Length-----26.3 feet.
- Roll Width-----39 3/8 inches.
- Sheet Thickness-----4.0 mm (160 mils).

Coverage:

- Net Coverage-----78 square feet.
- Gross Coverage-----86 square feet.

Additional Physical Properties:

Thickness-----0.160 inches (4 mm)+/- 10%.

Tensile Strength @ 0° F

- Machine Direction-----111 lbf/inch.
- Cross Machine Direction-----82 lbf/inch.

Elongation @ 0° F

- Machine Direction-----40%.
- Cross Machine Direction-----40%.

Tensile Tear

- Machine Direction-----160 lbf/inch.
- Cross Machine Direction-----120 lbf/inch.

Low Temperature Flexibility

- Machine Direction----- -5° F.
- Cross Machine Direction----- -5° F.

Dimensional Stability

- Machine Direction-----<0.5%.
- Cross Machine Direction-----<0.5%.

Top Surface-----Ceramic Granules.

Bottom Surface-----Sanded.

Standard Colors:

- Cool Gray
- Autumn Brown
- White
- Black

Surface Prep.

BA250FR - BAKOR MOD+ NP250gM4 FR (WHITE) is designed as a cap sheet over a suitable base sheet. Refer to **ModifiedPLUS™** base sheet specification data and **ModifiedPLUS™** General Specifications for details on acceptable decks, insulation substrates, and base sheet application.

Application

BA250FR - BAKOR MOD+ NP250gM4 FR (WHITE) must be hot mopped or cold adhesive applied to base sheet.

Begin application of the cap sheet at the lowest edge or drain. Proceed up the slope from the lowest point. Position and unroll cap sheet to achieve correct overlap and alignment. Re-roll one end a minimum of 10' and adhere membrane to substrate. Complete application of remainder of sheet.

Cold Adhered Application: Apply **MBA Elastomeric Modified Bitumen Adhesive, Henry # 902 PBA™ Permanent Bond Adhesive, or Henry # 903 Modified Bitumen Membrand Adhesive - High Solids** by notched squeegee to laps as well as the field of the sheet at the rate of approximately 1.5 gal/100 square feet. A notched squeegee with notches 1/4" long, 1/8" deep, spaced on 1" is ideal for smooth surface. For irregular surfaces the notches should be 1/4" deep. Best results occur above 5° F. The adhesive thickens at colder temperatures and proper coverage becomes difficult.

Roll out **BA250FR - BAKOR MOD+ NP250gM4 FR (WHITE)** and allow to relax prior to application. Apply adhesive to substrate and allow 3 to 5 minutes open time prior to rolling in membrane. Installation without allowing open time could result in prolonged softening or the membrane or blisters.

For flashings, apply **MB Elastomeric Flashing Cement, Henry # 902 PBA™ Permanent Bond Adhesive, or Henry # 903 Modified Bitumen Membrane Adhesive - High Solids** by trowel in a 1/8" coat. Ensure full and uniform coverage. Embed **BA250FR - BAKOR MOD+ NP250gM4 FR (WHITE)** and apply pressure over the entire surface. Ensure a bead appears at laps.

Slopes 1:12 (1" in 12") or Greater: In addition to the above, apply membrane parallel to direction of slope and blind nail or mechanically fasten membrane at end of head lap on 6" centers.

Cleanup

Asphalt can be removed by use of mineral spirits, paint remover, or kerosene. Use caution when handling solvents.

Limited Warranty

Henry warrants to the owner that this product, when installed by a participating contractor subject to the conditions and limitations within the warranty, will remain watertight for a period as outlined. All leaks or roof problems, on warranted roofs, must be reported to the manufacturer in writing within a period of 30 days.