



Premium SEBS Rubber-Modified All-Weather Leak Repair

Product Overview:

MantaStics™ #307 is a super-premium flashing cement modified with SEBS rubber and formulated with high-quality solvents and UV inhibitors. This product is engineered for permanent repairs in all weather conditions, adhering exceptionally well to both wet and dry surfaces. Its superior elasticity and flexibility make it an ideal choice for use on control joints, seams, and other areas where movement is expected. It is suitable for professional use only.

Key Features:

- **Superior Rubber-Modified Formula:** A super-premium grade, SEBS rubber-modified blend for enhanced elasticity and flexibility.
- **All-Weather Performance:** Excellent adhesion on wet or dry surfaces, suitable for extreme weather conditions.
- **Permanent Repair:** Contains UV inhibitors for long-lasting durability.
- **Versatile Use:** Ideal for dynamic areas with movement, such as control joints and seams.
- **Code Compliance:** Meets or exceeds ASTM D4586, Type I and has **100% underwater adhesion per ASTM D3409**. Miami-Dade has approved and can contribute to LEED certification credits.

Product Specifications

- Miami-Dade County Approved.
- Meets or exceeds ASTM D4586, Standard Specification for Asphalt Roof Cement, Asbestos-Free, Type I, Class II.
- 100% Underwater Adhesion per ASTM D3409.
- Can contribute to LEED certification credits

Application Details:

Property	Value
Application Temperature	-20°F to 140°F
Method	Trowel, putty knife, or gloved hand
Repair Thickness	1/8 to 1/4 inch
Spread	Feather edges, spread at least 2 inches beyond the repair area.
Reinforcement	For holes over 1/4 inch wide or 2 inches long, reinforce with Manta fabric between two layers of cement.
Coverage (Approx.)	12 sq. ft. per gallon at 1/8-inch thickness. 6 sq. ft. per gallon for a three-course application.
Cleanup	Kerosene, paint thinner, or mineral spirits.
UV Protection	To extend repair life, coat with a Manta Roof Coating after 30-90 days.

Applications:

- MantaStics™ #307 is used to repair holes, cracks, and splits, and to seal leaks around various penetrations and joints.
- Repair Surfaces: Composition shingles, mineral surface cap sheets, asphalt roofs, APP, SBS modified rubber roofs, cured concrete, and metal roofs.
- Sealing Areas: Flashings, chimneys, masonry, vents, skylights, joints in metal edging, and gutters.
- **Reinforcement:** If the hole is larger than ¼" in width or 2" in length, reinforce the repair with MantaPoly 504 or MantaPoly #506 Reinforced Polyester.

Technical Data & Performance Characteristics

Property	Test Method	Result	Requirement
Composition			
Water Content	ASTM D95	0.30%	≤3.0%
Nonvolatile Matter	ASTM D6511	71%	≥70%
Mineral Stabilizers	ASTM D4, Proc. 2	24%	15≤x≤40%
Bitumen (Asphalt)	ASTM D4, Proc. 2	48%	35≤x≤65%
Physical Requirements			
Uniformity	ASTM D6511	Pass	No separation or settling
Workability	ASTM D4586	Pass	Spreads and trowels readily
Behavior at 140°F			
- Blistering		Pass	No evidence of blistering
- Sagging or Sliding		0 in.	≤1/4 in.
Pliability at 32°F	ASTM D6511	Pass	No cracking or separation
Additional Properties			
Adhesion to Damp Surfaces	ASTM D3409	100%	100%

Clean up the tools with mineral spirits. For hands, use a waterless hand cleaner.

Packaging Available in 3.5-gallon and 5-gallon containers.

IMPORTANT: - CLOSE AIR INTAKES ON ROOF UNTIL SOLVENTS DISSIPATE. - May not yield satisfactory results over some APP torch-down membranes. - Do not use over: coal tar, gravel, rubber, or PVC sheet roofing, wood shingles, or under APP membrane or other products with burn-off film. - To extend repair life, coat with a Manta Roof Coating after 30 days.

For additional details, visit mantarroof.com. For the most current information and data, please consult our website. Prior to using this product, review the Safety Data Sheet, which is available on our website or by sending an email to info@mantarroof.com. ©2024 Manta Roofing Products U.S.A., LLC. All rights reserved. All printed information is accurate as of the time of publication and is subject to change without notice.

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