



Manta #304™ FLASH-IN-RAIN™ Product Information Sheet

Product Overview Manta™ #304 FLASH-IN-RAIN™ provides an immediate solution for leaks on either wet or dry surfaces, performing effectively even during heavy rainfall. #304 FLASH-IN-RAIN™ tested is compliant with Type I requirements of ASTM D4586: *Standard Specification for Asphalt Roof Cement, Asbestos-Free*.

Product Specifications

- Miami-Dade County Approved
- Meets or exceeds ASTM D3409, Standard Test Method for Adhesion of Asphalt-Roof Cement to Damp, Wet, or Underwater Surfaces
- Meets or exceeds ASTM D4586, Standard Specification for Asphalt Roof Cement

Highlights

- Instantly seals leaks, even in areas with standing water.
- Effective for use in a wide temperature range, from 20 °F to 120 °F (-6.7 °C to 49 °C).
- Ensures full wet surface adhesion as per ASTM D3409.
- Resists blistering, sagging, and sliding according to ASTM D4586.
- Backed by a 7-year limited warranty.

Applications

- Ideal for patching holes, cracks, and splits in a variety of roofing materials, including composition, mineral surface cap sheet, asphalt-coated, SBS-modified, metal, and masonry roofs.
- Perfect for sealing gaps and vulnerabilities around flashings, chimneys, vents, skylights, and metal gutter joints.

Surface Preparation: Begin by clearing the surface of any dirt or loose material. Remove any embedded gravel or old roofing cement that might prevent a strong bond. Use a wire brush to eliminate rust and scale.

1. **Coverage Rate:** A single gallon covers approximately 12 sq. ft. when applied 1/8" thick. An 11 fl. oz. cartridge yields about 15 linear feet of a 3/8" bead.
2. **Application:** Using a trowel or putty knife, apply the product in a layer between 1/8" and 1/4" thick. Press the cement firmly into the hole and spread it out 2" to 4" beyond the opening, thinning the edges for a smooth finish.
3. **Cartridge Application:** For cartridges, cut the nozzle at an angle and puncture the inner seal. Apply the product with a caulking gun, then work it into the hole with a trowel or putty knife to a thickness of 1/8" to 1/4". Apply pressure and spread at least 2" outward, feathering the edges.
4. **Reinforcement:** If the hole is larger than 1/4" in width or 2" in length, reinforce the repair with MantaPoly 504 or MantaPoly #506 Reinforced Polyester.
5. Note that using Manta roof repair fabric is a requirement for the 7-year warranty.

Top Coat: Apply a second coat of cement to cover the repaired area fully. For vertical surfaces in high temperatures, we suggest using Manta #303 Flash-N-Go Roof Cement or Manta #305 Rain or Shine Modified Mastics.

Property	Test Method	Result
Water Content (%)	ASTM D6511	2.2
Nonvolatile matter (%)	ASTM D6511	79
Mineral and/or other stabilizers (%)	ASTM D6511	30
Bitumen (asphalt) (%)	ASTM D6511	44
Uniformity	ASTM D6511	Pass.
Workability	ASTM D4586	Pass
Behavior at 140°F	ASTM D6511	
Blistering		Pass.
Sagging or Sliding (in.)		0
Pliability @ 32°F	ASTM D6511	Pass
Adhesion (%)	ASTM D3409	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: Do not thin the product. Do not heat the container or store it in temperatures above 110 °F (>43 °C). When moving the container, ensure it is secure and the lid is sealed tightly to prevent spills. **SHUT OFF ROOF AIR INTAKES UNTIL SOLVENTS HAVE DISSIPATED!** This product may not provide satisfactory results on certain APP torch-down membranes. Please contact Manta and the membrane manufacturer before use. Not recommended for use over gravel, rubber, PVC sheet roofing, or wood shingles. To prolong the lifespan of the repair, apply a Manta roof coating after 30 days.

Limited Product Warranty

The manufacturer warrants this product to be free of material defects for 7 years from purchase, contingent on proper application with Manta repair fabric and according to instructions. This limited warranty is the exclusive remedy and strictly limits liability to product replacement, excluding all other express or implied warranties and any consequential damages. For a full refund, returns of unopened products must be made within 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.

Manta Roofing Products U.S.A., LLC

1835 Wright Ave, La Verne, CA 91750

1200 SE 20th St, Fort Lauderdale, FL 33316

Customer Service: (844) 506-2682 | Email: info@mantarroof.com

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