



MANTAFLASH 330 Silicone Butter Grade Roof Patch

DESCRIPTION:

MantaFlash 330 Silicone Roof Patch is a premium-grade sealant designed for professional roofing applications. It effectively seals leaks, repairs damage, and creates a durable barrier on roof surfaces, including metal, asphalt, modified bitumen, concrete, and most single-ply materials.

FEATURES

- **Versatile Applications:** Seals seams, fasteners, penetrations, and surface damage.
- **Durable and Weather Resistant:** Forms a long-lasting, breathable, and water-resistant barrier that resists UV degradation.
- **Compatibility:** Ideal for use before applying Manta 450 High Solids Silicone Coating.

Ideal for Roofing repairs and maintenance, sealing leaks and preventing further damage, and creating a protective layer on various roof surfaces

COVERAGE:

- 12-13 sq. ft. Per gallon applied 1/8" thick; additional material may be required when 3-coursing to saturate and encapsulate polyester fabric.

PRECAUTIONS:

- Requires atmospheric moisture to cure, so avoid use in entirely confined spaces.
- Apply only at 40°F (4°C) or above; no rain is expected within 1 hour of application (or during application).
- Surface Preparation:
- Thoroughly clean the roof with MANTA 100 Roof Wash to remove dirt, dust, oil, and other contaminants that could affect adhesion.
- Optional Priming: Use MANTA 25 Multipurpose Primer if an adhesion test indicates it's needed.
- Modified Bitumen or Built-up Roofs: Use MANTA 220 Bleed Block on smooth or granulated surfaces to prevent yellowing from migrating oils (though primer may not be necessary for adhesion on granulated surfaces).

FASTENERS:

- Inspect all fasteners and replace any loose, broken, or missing ones.

APPLICATION:

- Apply the mastic 1/8" to 1/4" thick using a brush, trowel, or gloved hand. Extend it two inches on either side of fasteners or splits.
- Typically applied in one coat, but if using multiple coats, allow sufficient cure time between applications.
- High-movement repairs may require polyester reinforcement and sacrificial release tape. Ensure enough thickness to saturate the polyester. Refer to MANTA construction details for guidance.
- Curing: The material should be tack-free in 2 hours and dry to the touch in 6 hours (drying time depends on temperature,

humidity, and thickness). It should also be free of voids, pinholes, cracks, or blisters.

COATING:

- Allow MantaFlash 330 to dry for 6 hours (depending on temperature and humidity) before applying MANTA 430 High Solids Silicone Coating.

CLEANING:

- Clean uncured material from equipment with mineral spirits, toluene, or alcohol-based solvents. Do not use water.

FINISHING:

- Coating: Allow MantaFlash 330 to dry for approximately 6 hours before applying MantaSil 430 High Solids Silicone Coating. Avoid painting or covering with other products.
- Equipment Cleaning: Clean equipment with mineral spirits, toluene, or alcohol-based solvents. Avoid water.

WARRANTY

Manta Roofing Products warrants that the material supplied will meet or exceed the physical properties as published. The contractor guarantees that workmanship will be free of defects in coating application.

PRODUCT SPECIFICATIONS

Physical Property	Test Method	Performance Range
Appearance		Mastic Paste
Skin Over Time	3/8" @ 50% RH & 77°F	5 – 15 minutes
Through Cure	1/8" @ 50% RH & 77°F	48 hours

TYPICAL PROPERTIES*

Physical Property	Test Method	Typical Value
Specific Gravity		1.25 – 1.55
Tensile Strength	ASTM D 412	120 – 170 psi
Elongation	ASTM D 412	500 – 700%
Shore Hardness	ASTM D 2240	20 minimum
Tear Resistance	ASTM D 624	30 – 35 pli
Adhesion Metal Adhesion SPF	ASTM D 903	10 – 14 pli 10 – 14 pli

STORAGE AND HANDLING:

- Store in cool, dry conditions.
- Can be stored unheated during cooler months.
- Secure the lid tightly during transport to prevent leakage.
- Refer to the Safety Data Sheet for details).

SAFETY PRECAUTIONS:

- Flammable liquid and vapor.
- Causes skin irritation and allergic reactions.
- May cause severe eye damage, genetic defects, and cancer.
- Harmful with prolonged exposure.
- Follow all safety precautions on the product label and Safety Data Sheet (available at www.mantarooft.com).

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