

SHUR-GARD

— Roofing Products & Accessories —

Shur-Gard Metal Underlayments

Shur-Gard MU Force HT & Shur-Gard MU Ultra HT Underlayments for Metal Roofing Systems

Product Description

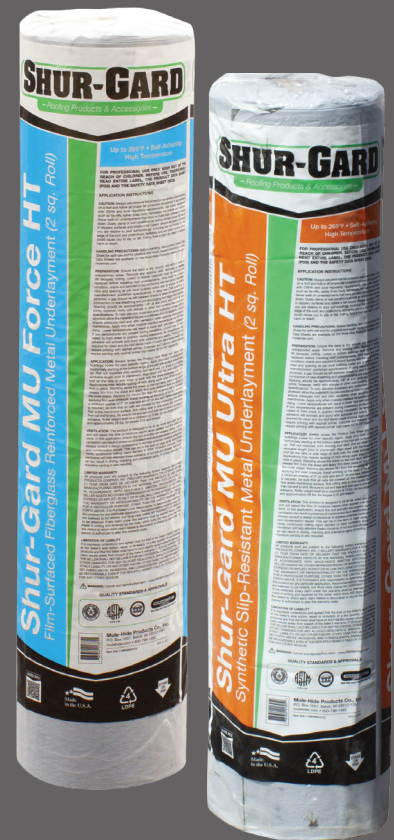
Shur-Gard MU Force HT and Shur-Gard MU Ultra HT roofing underlayments help roofing systems take the heat. Designed for use in high-temperature applications, the self-adhering, SBS polymer-modified underlayments also enhance crew efficiency and safety with their slip-resistant surface, wide installation window, easy installation, and ability to withstand exposure to ultraviolet light.

Contractors and property managers can choose between reinforced and non-reinforced options based on their preference and specific job requirements:

- **Shur-Gard MU Force HT** has an SBS polymer modified asphalt top coating and a polymer film. It is reinforced with a flexible fiberglass mat for exceptional tensile strength and thermal stability and easy conformation to valleys, corners, and angles.
- **Shur-Gard MU Ultra HT** features a dual SBS polymer formulation and a non-woven, synthetic surface. In addition to being installed as an underlayment, it can be used as a flashing membrane to protect areas susceptible to leaks, such as valleys, roof-to-wall transitions, around vents, and around skylights.

Features & Benefits

- Specifically designed to provide extra protection for metal roofing products in high-temperature applications. Shur-Gard MU Force HT is temperature-resistant to 265°F. Shur-Gard MU Ultra HT is approved to perform in temperatures up to 250°F.
- The “textured,” slip-resistant surface makes crews feel safer and more secure while walking on the surface.
- The SBS rubberized adhesive backing provides a wide temperature installation range and great nail/screw sealability.
- Wide-open ultraviolet light exposure windows – 180 days for Shur-Gard MU Force HT and 120 days for Shur-Gard MU Ultra HT – mean a longer dry-in time and greater protection from temporary exposure to the elements, giving crews maximum flexibility in completing the job.



Packaging:

- 2 sq. Roll

Code Approvals/Compliance:



D1970



Miami Dade County Product Control Approved



*UL listing only for Shur-Gard MU Force HT

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MU Force HT and MU Ultra HT

Features & Benefits (continued)

- The adhesive is protected by a factory-applied split-release film that is easily removed for quick, hassle-free installation.
- A 3-inch adhesive selvedge edge improves overlap bonding and makes installation fast and easy.
- A roll size of 2 squares provides convenient handling and true coverage.

Reference Chart - MU Force HT & MU Ultra HT

Physical Property	Data (ASTM D1970)	Results
Perm Rating	≤ 0.1 U.S. perms	
UV Exposure	Force: 180 days / Ultra: 120 days	
Maximum Load MD/CD, min	≥ 25 lbf/in	
Elongation at break	≥ 10%	
Adhesion to plywood, min at 40°F	≥ 2.0 lbf./ft.	Pass
Adhesion to plywood, min at 75°F	≥ 12.0 lbf./ft.	Pass
Flexibility Temperature	-20°F	Pass
Tear Resistance MD/CD, min	≥ 20 lbf.	Pass
Moisture Vapor Performance	≤ 0.1 U.S. perms	Pass
Sealability Around Nail	No Leaks	Pass
Waterproof Integrity after Low-Temp Flexibility	No Leaks	Pass
Waterproof Integrity of Lap Seam	No Leaks	Pass

Packaging: Shrink Bag

MU Force HT	Roll Size	Thickness	Coverage	Weight	Carton	Roll/Pallet
11MHSMFHT2	66'-6" x 39-3/8"	60 mils	200 sq. ft.	68 lbs.	2 Sq. Roll	28
MU Ultra HT	Roll Size	Thickness	Coverage	Weight	Carton	Roll/Pallet
11MHSMUHT2	66' x 36"	60 mils	200 sq. ft.	68 lbs.	2 Sq. Roll	28



Shur-Gard MU Force HT Facer



Shur-Gard MU Force HT Application



MU Force HT



MU Ultra HT

The information herein should not be considered all-inclusive and should always be accompanied by a review of the Mule-Hide specifications and guidelines and good application practices.

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