



TECHNICAL DATA SHEET

VULKEM® HT UNDERLAYMENT

Part of the Vulkem® Roofing Series
High Temp, Self-Adhering Roofing Underlayment

PRODUCT DESCRIPTION

Vulkem® HT Underlayment is a high-temp, self-adhering underlayment designed for use as a secondary barrier to moisture under metal, asphalt shingles, slate and tiles. The membrane consists of a versatile bitumen compound with enhanced adhesion, allowing it to adhere to many surfaces such as plywood, OSB, concrete, wood particle, and gypsum cover boards. The exposed surface of the Vulkem HT Underlayment is composed of a tough, woven polymer laminate providing a durable yet walkable surface, that provides excellent high-temperature resistance.

BASIC USES

Vulkem HT Underlayment is designed to protect residential and commercial low-slope roofs from exposure to the elements, including but not limited to water and wind damage. Plywood, OSB, concrete, wood particle, and gypsum cover boards are acceptable substrates for this underlayment.

FEATURES & BENEFITS

- Designed to serve as temporary protection from the elements and wind damage, before the roof is fully installed.
- Manufactured to a preset, uniform thickness that provides consistent and uniform coverage.
- High temperature resistance up to 225 °F (107 °C).
- Textured facer provides a textured, walkable surface.
- Self-seals around nails and standard Tremco approved fasteners.
- Inhibits mold growth.
- Compatible with approved Tremco solutions to provide a continuous building-envelope.

AVAILABILITY

Immediately available from your local Tremco Sales Representative, Tremco distributor, or Tremco warehouse.

COLORS

The Vulkem HT Underlayment is gray with green Tremco branding printed across the facer.

PACKAGING

Roll Dimensions: 36" (0.91 m) x 67' (20.42 m)

Rolls per Pallet: 25

LIMITATIONS

- Do not apply to wet, damp or contaminated surfaces.
- This membrane should be applied by a professional roofer with prior experience installing similar products.
- Ensure the Vulkem HT Underlayment is free of wrinkles or folds prior to application to the roof substrate.
- Release film must be removed from the roof immediately after membrane application to avoid slip hazards.
- Store material in a shaded location when not actively being installed on the jobsite to reduce challenges removing release films during application.
- If fasteners are removed from the membrane after application, a target sheet of the Vulkem HT Underlayment must be applied over these openings.
- Spaces below the roof deck must be properly ventilated.
- The membrane should be stored indoors in a shaded area on wooden pallets, neatly covered by a thick fabric, and tied securely in a manner that will minimize exposure to sunlight and UV.
- Necessary safety equipment and fall prevention steps should be used to prevent any fall injuries.

WARRANTY

A repair or replacement warranty is available on all Tremco products. Visit <https://www.tremcosealants.com/warranties/> for details.

TYPICAL PHYSICAL PROPERTIES

Surface Film Material	Polypropylene Woven Mat	
Release Film Material	Silicon Coated Split Release	
Application Temperature	40 °F (5 °C) to 110 °F (43 °C)	
PROPERTY	TEST METHOD	TYPICAL RESULTS
Nominal Thickness	ASTM D5147	40 mil (1 mm)
Tensile Strength (lbf/inch)	ASTM D1970	(MD/CD) 80/60 (14/10.5 kN/m)
Tear Resistance (lbf)	ASTM D1970	(MD/CD) 60/40 (267/178 kN/m)
Elongation (%)	ASTM D1970	(MD/CD) 70/60
Adhesion to Plywood (lbf)	ASTM D903	5 @ 40 °F, 15 @ 75 °F
Nail Sealability	ASTM D1970	Pass
Thermal Stability	ASTM D1970	Pass
Low Temp Flexibility	ICC AC 48	Pass
Water Permeance	ASTM E96	0.03 Perms

Please refer to our website at www.tremcosealants.com for the most up-to-date Product Data Sheets.

NOTE: All Tremco Safety Data Sheets (SDS) are in alignment with the Globally Harmonized System of Classification and Labelling of Chemicals (GHS) requirements.

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