



TECHNICAL DATA SHEET

VULKEM® ICW UNDERLAYMENT

Part of the Vulkem® Roofing Series
Self-Adhering Roofing Underlayment
For Potential Ice Dam Areas

PRODUCT DESCRIPTION

Vulkem® ICW Underlayment is a self-adhering underlayment designed for use as a secondary barrier to moisture under metal, asphalt shingles, slate and tiles in areas prone to ice dams. 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 ICW Underlayment is composed of coated silica granules providing a durable, anti-slip, walkable surface.

BASIC USES

Vulkem ICW Underlayment is designed to protect residential and commercial sloped roofs from exposure to the elements, especially beneath potential ice dam areas. Plywood, OSB, concrete, wood particle, and gypsum cover boards are acceptable substrates for this underlayment. The Vulkem ICW Underlayment is ideal for vent stacks, dormers, chimneys, and other roof-top structures.

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.
- Granulated, anti-slip surface that is walkable, suitable for sloped roofs.
- Self-seals around nails and standard Tremco approved fasteners.
- 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.

PACKAGING

Roll Dimensions: 36" (0.91 m) x 50' (15.24 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 ICW 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 ICW 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

Top Surfacing

Coated Silica Granules

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	50 mil (1.27 mm)
Tensile Strength (lbf/inch)	ASTM D1970	(MD/CD) 25 lbf/ 25 lbf
Tear Resistance	ASTM D1970	(MD/CD) 20 lbf /20 lbf
Elongation (%)	ASTM D1970	(MD/CD) 10%
Adhesion to Plywood	ASTM D903	2 lbf @ 40 °F, 12 lbf @ 75 °F
Nail Sealability	ASTM D1970	Pass
Thermal Stability	ASTM D1970	Pass
Low Temp Flexibility @-20 °F	ASTM D1970	Pass
Water Permeance	ASTM E96	<0.1 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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tremcosealants.com | 800.321.7906



Construction Products Group

3735 Green Rd. | Beachwood, OH 44122
800.321.7906 | tremcocpg.com