



# APPLICATION INSTRUCTIONS

## VULKEM® ICW UNDERLAYMENT

Self-Adhering Roofing Underlayment  
For Potential Ice Dam Areas

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### 1. PURPOSE

- 1.1 The purpose of this document is to establish uniform procedures for installing the Vulkem® ICW Underlayment for watertight roofing applications.
- 1.2 The techniques involved may require modifications to adjust to jobsite conditions. Consult your Tremco Representative for specific design requirements.

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### 2. SCOPE

- 2.1 This document will provide the necessary instructions for the application of the Vulkem ICW Underlayment to qualify for the manufacturer's warranty. Tremco recognizes that site specific conditions, weather patterns, contractor preferences and membrane detailing may require deviation or alteration from these prescribed installation procedures. When such circumstances and situations exist on a project, Tremco recommends that the local Tremco Sales Representative or Technical Services be contacted for assistance and approval as required.

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### 3. SYSTEM COMPONENTS

- Vulkem ICW Underlayment
- Dymonic 100

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### 4. SUBSTRATE PREPARATION

- 4.1 Surface to be applied shall be clean, dry, sound, and free of all contaminants which may interfere with adhesion of the membrane.
- 4.2 Vulkem ICW Underlayment is only to be installed in dry weather. Do not install when precipitation is imminent.
- 4.3 Primer is not required for substrate conditions meeting those described in step 4.1. If applying to gypsum cover boards, a primer suitable to the environment will be required, contact Tremco Technical Services for recommendations.
- 4.4 Vulkem ICW Underlayment can be applied to metals, plywood, OSB, FRT plywood and insulation boards.
- 4.5 If applying Vulkem ICW Underlayment in a restoration application, remove all existing underlayment layers. All damaged and/or rotten deck boards must be removed and replaced prior to installation of the underlayment.

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### 5. APPLICATION

- 6.1 Unroll the Vulkem ICW Underlayment and cut into manageable lengths.
- 6.2 Lay the cut pieces of underlayment in the sun or environment of application, allowing the membrane to acclimate and become more workable.
- 6.3 Starting at the lowest point of the roof, align the Vulkem ICW Underlayment flush with the roof edge. Ensure the selvedge edge of the membrane is closest to the top of the roof to maintain watertightness.
- 6.4 Once in place, fold the sheet of underlayment in half to peel off the release film.
- 6.5 Adhere the portion of the underlayment free of release liner firmly to the substrate by applying pressure. Once fully adhered peel the release liner from the second half of the sheet and adhere the remainder of the sheet to the substrate by applying pressure.
- 6.6 An overlap of 6 inches (15.2 cm) should be maintained for all subsequent layers being applied.
- 6.7 Before placing subsequent layers, peel the silicon release film from the selvedge edge, ensuring the lap bond between layers and watertightness.
- 6.8 Once Vulkem ICW Underlayment is installed, roll the entirety of membrane with an 80lb roller, or similar, to establish proper adhesion to the substrate.
- 6.9 Protect the underlayment from damage during and after installation.
- 6.10 Tremco strongly advises installing the roof covering over the Vulkem ICW Underlayment as early as possible.

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