



# TECHNICAL DATA SHEET

## VULKEM® MCW MEMBRANE

Part of the Vulkem® Roofing Series  
Single-Component, Fluid-Applied  
Waterproofing Membrane

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### PRODUCT DESCRIPTION

Vulkem® MCW is a moisture curing, single-component, high-solids fluid applied roofing and waterproofing membrane.

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### BASIC USES

Vulkem MCW is designed to protect concrete and plywood substrates from the ingress of water that could damage the aesthetics and stability of structures. Ideal for high-build waterproofing systems and green roofs, Vulkem MCW can be installed in lieu of hot rubberized asphalt systems.

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### FEATURES & BENEFITS

- Vulkem MCW can be applied to damp and green concrete, making it ideal for projects with tight construction schedules even in the event of unexpected inclement weather.
- The high solids content of Vulkem MCW ensures applied mil thicknesses are retained from the application of the waterproofing membrane through the full curing cycle.
- This cold-fluid applied membrane removes safety concerns associated with HRA melters from the jobsite.
- Vulkem MCW can be water catalyzed in cold weather to speed up cure times and stay on track with tight installation schedules.
- Vulkem MCW can be installed in multiple lifts to create high-build systems when premium substrate protection is required.

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### AVAILABILITY

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

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### PACKAGING

5-gal (19-L) pails, 36 pails/pallet

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### LIMITATIONS

- Do not apply to contaminated surfaces.
- Not to be used as an exposed or wearing surface.
- Adequate ventilation is required.
- Concrete forms must be removed a minimum of 24 hours prior to the application to Vulkem MCW.
- Vulkem MCW is not approved for direct contact with asphalt-based products.
- Do not apply over a curing or forming oil compound.
- Do not apply over a non-vented metal pan decking substrate without contacting your local Tremco Sales Representative
- For compatibility information and any project specific recommendations on tie-ins and terminations, please contact your local Tremco Sales Representative.
- Applied product should not be left exposed to UV for longer than 120 days
- Necessary safety equipment and fall prevention steps should be used to prevent any fall injuries.

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### WARRANTY

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

## TYPICAL PHYSICAL PROPERTIES

Composition	Modified Polyurethane
Solids	No less than 80%
Application Temperature	40 °F (5 °C) and rising
Thickness	60 mils

PROPERTY	TEST METHOD	TYPICAL RESULTS
Film Thickness	ASTM C836	60 wet mil
Tensile Strength	ASTM D412	180 psi
Elongation	ASTM C836	500%
Hardness, Type 00	ASTM C836	85
Low Temperature Crack Bridging	ASTM C836	Pass
Extension After Heat Aging	ASTM C836	Pass
Low-Temp Flexibility	ASTM C836	Pass
Adhesion-in-Peel After Water Immersion	ASTM C836	15lbf/in
Water Vapor Permeability	ASTM E96 (Wet Cup, Dry Cup, & Inverted Wet Cup)	<0.1 Perms

Please refer to our website at [www.tremcosealants.com](http://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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