

# VULKEM<sup>®</sup> ROOFING SYSTEMS

High-performance, durable,  
waterproof roofing solutions



# WHY CHOOSE VULKEM® ROOFING?

Why should you finish your new build project with liquid-applied roofing solutions from Tremco?



## Architects, Specifiers & Consultants

- ✓ **Trust & History:** Tremco has a long history of protecting buildings with proven, tested systems
- ✓ **Neighbor-Friendly:** Cold-applied and zero-VOC systems are ideal for use on or near currently-occupied spaces like hospitals, medical facilities, schools and institutional work
- ✓ **Full Building Approach:** By incorporating protection for all 6 sides of the building envelope, only Tremco can ensure performance at every tie-in, and with single-source support and warranties

## General Contractors & Builders

- ✓ **Faster Installs:** Moisture-cure products can be used on damp/green concrete to save weeks on your schedules
- ✓ **Neighbor-Friendly:** Low-odor and zero VOC options can be installed confidently in more sensitive applications
- ✓ **Safer Jobsites:** Removing hazardous kettles and products means safer, more convenient jobsites for everybody

## Subcontractors & Installers

- ✓ **Straightforward Installs:** Complete roofing projects with less equipment, safer products and faster installation
- ✓ **Tremco Support:** Get in-field and on-site technical support from a leader in the building science community
- ✓ **Quick Return to Service:** Fast curing liquid applied roofing minimizes client downtime and disruption leading to faster project completion

# VULKEM® MCW

## Single-Component, Fluid-Applied Waterproofing Membrane

### Product Overview

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

### Features & Benefits

- ✓ Fast Installation: Can be applied to damp and green concrete, ideal for tight schedules
- ✓ High Solids: Ensures applied mil thicknesses are retained through the full curing cycle
- ✓ High-Build Protection: Can be installed in multiple lifts to build for premium substrate protection



# VULKEM® X4

## Two-Component, Low-Odor, Modified Polyurethane Methacrylate Coating

### Product Overview

Vulkem® X4 is a low-odor, fast cure waterproofing membrane designed to be used in a fully reinforced application. This two-component modified polyurethane methacrylate membrane cures in as little as 45 minutes. Vulkem X4 has high reflectivity, lowering rooftop temperatures to help provide building energy savings.

### Features & Benefits

- ✓ Fast Cure: Two-component waterproofing membrane cures in as little as 45 minutes
- ✓ Low Odor: Low odor and VOC, for application in many locations, including sensitive areas
- ✓ Improved Energy Efficiency: High reflectivity lowers rooftop temperatures and provides energy savings
- ✓ Superior Durability: Excellent elongation and crack-bridging means lasting durability





# VULKEM® ICW UNDERLAYMENT

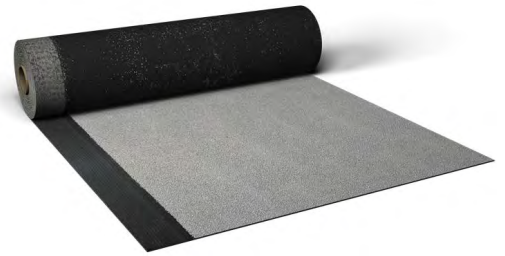
## Self-Adhering Roofing Underlayment For Potential Ice Dam Areas

### Product Overview

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. It consists of a versatile bitumen compound with enhanced adhesion, allowing it to adhere to plywood, OSB, concrete, wood particle and gypsum boards.

### Features & Benefits

- ✓ Self-Adhering: Bitumen compound sticks to most surfaces like plywood, OSB, concrete, gypsum and more
- ✓ Ice Dam Protection: Specially-designed to protect areas prone to the build-up of ice
- ✓ Enhanced Weatherability: Works as a secondary water barrier under completed roof systems



# VULKEM® HT UNDERLAYMENT

## High Temp, Self-Adhering Roofing Underlayment

### Product Overview

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 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.

### Features & Benefits

- ✓ Self-Adhering: Bitumen compound sticks to most surfaces like plywood, OSB, concrete, gypsum and more
- ✓ High-Temperature: Excellent resistance to high temperatures on metal, asphalt, slate and tiles
- ✓ Superior Durability: Tough surface provides long-term protection against weathering
- ✓ Enhanced Weatherability: Works as a secondary water barrier under completed roof systems



# VULKEM® AT

## One-Part, Moisture-Triggered Polyurethane Roof Coating

### Product Overview

Vulkem® AT is a one-part, moisture triggered, polyurethane roof coating that is used with polyester reinforcement. The moisture triggered cure means that Vulkem AT resists foaming, blisters and pinholes as well as washing off; curing is uniform. As a single component product, there is no blending of multiple components.

### Features & Benefits

- ✓ Highly-Reflective: Lowers rooftop temperatures, resulting in less stress and enhanced energy savings
- ✓ High Solids Content: Yields more dry waterproofing than lower solids roofing products
- ✓ Moisture-Triggered Cure: Resists foaming, blisters and pinholes for a more uniform cure
- ✓ Versatile Use: Acceptable substrates include single-ply, concrete, modified bitumen and smooth BUR



# VULKEM® 4083

## Acrylic, Elastomeric Roof Coating

### Product Overview

Vulkem® 4083 is an acrylic, elastomeric roof coating formulated to meet and/or exceed the ASTM D 6083 standard. It is designed to provide excellent dirt pick-up resistance, waterproofing and weatherproofing capabilities on a variety of roofing substrates. Vulkem 4083's highly-reflective bright white color lowers rooftop temperatures for enhanced energy savings and less stress to the system.

### Features & Benefits

- ✓ Highly-Reflective: Lowers rooftop temperatures for less stress and more energy savings
- ✓ Low Odor: Perfect for odor-sensitive applications and areas
- ✓ Enhanced Weatherability: Excellent resistance to dirt pick-up and weathering





## CONNECTIONS: THE KEY TO LONG-TERM SUCCESS

When it comes to protecting the entire building envelope, Tremco Construction Products Group (CPG) stands alone as your single source manufacturer of choice. On-site training, field support, and sustainable solutions designed to streamline your design and installation process are only a few of the value-added solutions we provide. Our team is adept at resolving numerous building envelope challenges that you may encounter on the job — and we pride ourselves on helping your team realize the maximum long-term value and quality of your finished structure.

Tremco CPG products are conceived, formulated and tested in our labs, as well as in the field to ensure maximum compatibility and connectivity. Our expertise extends to all six sides of the building envelope, providing peace of mind. You are always covered when your project abuts, adjoins or overlaps other Tremco CPG components or systems, effectively eliminating these troublesome connection points. Few others can offer this type of comprehensive approach.

Ultimately, our attention to these connections allows us to provide unique, all-inclusive system warranty options that our competitors simply cannot match.

## THE TREMCO CPG DIFFERENCE



### Faster Construction Time

In-plant fabrication can reduce production time, and speed up field application of exterior cladding systems, to reduce construction schedules.



### Improved Efficiency

Maximum reflectivity means efficient construction and operation, and roofs will exceed strict energy codes for energy efficiency.



### Stronger and More Resilient

Our systems are designed for maximum durability, many with service lives far surpassing that of competing systems.



### Leading Edge Sustainability

Our building solutions help you reduce waste, and meet green building standards like Net Zero, Living Building Challenge, Passive House and more.



### Cost-Effective for the Long Term

A broad range of products can fit most project budgets – but our energy-efficiency and maintenance solutions can also help you ensure cost-effective ownership and operation for the long term.



### One Point of Contact

Our products and systems are backed by industry-leading warranties – all from a single point of contact. We can also help with everything from asset management to diagnostics to installer training.







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