



# TECHNICAL DATA SHEET

## VULKEM® X4

Part of the Vulkem® Roofing Series  
Two-Component, Low-Odor, Modified  
Polyurethane Methacrylate Coating

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### PRODUCT DESCRIPTION

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.

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### BASIC USES

Vulkem X4 is ideal for restoring and repairing existing roof decks. Vulkem X4 can also be used to waterproof new roof decking including vegetative roofing systems.

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### FEATURES & BENEFITS

- Vulkem X4 is low-odor and low VOC allowing for application in a variety of locations including odor sensitive projects.
- Fast cure, two-component waterproofing membrane cures in as few as 45 minutes.
- Vulkem X4 exhibits superior elongation and crack bridging properties.

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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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### COLOR

White

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### LIMITATIONS

- Maximum substrate moisture content for application is 6%.
  - If exposed to sunlight for 72 hrs or more, Vulkem 191 Primer must be used in any areas that require additional coating.
  - All surfaces material will be applied on must be sound, clean, free of standing water and free of contamination.
  - Not for use over expanded polystyrene, extruded polystyrene, poured in place gypsum, lightweight insulating concrete, cementitious wood fiber decks and coal tar pitch.
  - Do not apply in falling precipitation or when precipitation is imminent.
  - Do not thin.
  - Substrate must be at less 5 °F (3 °C)
  - Do not store in direct sunlight for prolonged periods.
  - Do not allow to freeze.
  - Not for use under continuous immersion.
  - Not for use over EPS, XPS, shingles, clay tile, tar-based membranes, asphalt-based gravel surfaced built-up-roofing (BUR) systems, and coal tar gravel surfaced built-up-roofing (BUR) systems.
  - On the job site, materials should remain on the pallet until use and be stored in a shaded, ventilated area. Materials should be covered with a light-colored, reflective tarp for protection against the elements. Allow for adequate air flow inside the pallets.
  - For compatibility information and any project specific recommendations on tie-ins and terminations, please contact your local Tremco Sales Representative.
  - 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

Shelf Life	24 months	
Solids	100%	
Application Temperature	40 °F (5 °C) to 110 °F (43 °C)	
PROPERTY	TEST METHOD	TYPICAL RESULTS
Tensile Strength	ASTM D412	720 psi
Elongation	ASTM D412	130%
Shore A Hardness	ASTM D2240	83
Water Absorption	ASTM D570	2% @ 2 hrs, 73° F   4% @ 24 hrs, 73° F
Accelerated Weathering	ASTM D4798	Pass
Tear Resistance	ASTM D624	150 pli

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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