



TECHNICAL DATA SHEET

VULKEM® 4083

Part of the Vulkem® Roofing Series
Acrylic Elastomeric Roof Coating

PRODUCT DESCRIPTION

Vulkem® 4083 is a highly-reflective, white, acrylic elastomeric roof coating designed for waterproofing a variety of new and restorative roof substrates.

BASIC USES

Vulkem 4083 is ideal for metal and Kynar substrates.

FEATURES & BENEFITS

- The high reflectivity of Vulkem 4083 aids in lowering roof top temperatures, minimizing stress on HVAC systems and increases the potential for energy savings.
- Vulkem 4083 is formulated with low-odor, making it a highly effective solution for odor-sensitive projects.
- Designed with compatibility in mind, Vulkem 4083 can be installed over a variety of roof substrates.
- Vulkem 4083 delivers the weathering performance of a premium roof coating, resisting natural weathering from the elements.
- The unique formula of Vulkem 4083 resists dirt pick-up, ideal for applications on roofs frequently visible to passersby.

AVAILABILITY

Available from your local Tremco Sales Representative, Tremco distributor, or Tremco warehouse.

PACKAGING

5-gal (19-L) pails

COLOR

White

LIMITATIONS

- All surfaces material will be applied on must be sound, clean, free of standing water and free of contamination.
- Not for use over Cementitious wood fiber, poured-in-place gypsum, structural lightweight or lightweight insulating concrete, and wood decks (includes plywood, tongue and groove, etc.), asphalt-based or coal tar gravel surfaced BUR systems, clay tile, expanded or extruded polystyrene insulation, shingles, silicone-based products, and tar-based products.
- Do not apply in falling precipitation or when precipitation is imminent.
- Do not thin.
- Substrate must be at least 50 °F (10 °C) but no more than 130°F (54°C).
- Ambient temperature must be a minimum of 50°F (10°C) but not surpass 110°F (43°C) during application.
- Do not apply when dew point is within 5°F (3 °C) of the ambient temperature.
- Do not apply when the temperature could fall below 32°F (0°C) within 24 hours after application.
- Do not allow to freeze.
- Not for use under continuous immersion.
- 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.

WARRANTY

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

TYPICAL PHYSICAL PROPERTIES

| Solids | 50% | |
|-----------------------------|---------------------------------|--------------------------|
| Application Temperature | 50 °F (10 °C) to 110 °F (43 °C) | |
| Skin Time | 6 hrs @ 70°F (21°C) 50% RH | |
| Recoat Time | Minimum 24 hrs | |
| PROPERTY | TEST METHOD | TYPICAL RESULTS |
| Tensile Strength | ASTM D6083 | 260 psi |
| Elongation | ASTM D6083 | 200% |
| Water Permeance | ASTM E96 | 32 perms |
| Low Temperature Flexibility | ASTM D6083 | Pass @ -15 °F (-26.1 °C) |
| Accelerated Weathering | ASTM D4798 | Pass |
| Fungi Resistance | ASTM D6083 | Pass |
| Tear Resistance | ASTM D6083 | 90 lbf/in |

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.

VU4083/0425

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