
PRODUCT DESCRIPTION

Vulkem® 116 is an excellent general-purpose sealant for construction applications; it is a textured, single-component, moisture-curing, gun-grade polyurethane sealant.

BASIC USES

Vulkem 116 is a durable, flexible sealant designed for use on poured and precast concrete, masonry work, window and door perimeters, and similar types of construction joints. Vulkem 116 is approved for exterior use only.

FEATURES & BENEFITS

Vulkem 116 has a 30-year history of delivering superior primerless adhesion to porous substrates, which makes it the choice for sealing expansion joints in commercial construction applications. Vulkem 116 is rated for $\pm 25\%$ movement capability and offers excellent performance in dynamic joints.

- Suitable for certain water immersion applications
- Cure of the sealant can be accelerated with the addition of Vulkem Catalyst 45/116 as needed

Vulkem 116 meets or exceeds the requirements of the following specifications:

- ASTM C920 Type S, Grade NS, Class 25, Use T, NT, M, A, I class II, and O
- U.S. Federal Specification TT-S-00230C, Class A, Type II
- CAN/CGSB-19.13-M87
- USDA regulation for indirect food contact
- Canadian Food Inspection Agency
- City of Los Angeles (COLA) approval standards

AVAILABILITY

Immediately available from your local Tremco Sales Representative, Tremco Distributor, or Tremco Warehouse in 10.1 oz (300 mL) cartridges, 20 oz (600 mL) sausages, 2 gal (7.6 L) pails, 5 gal (18.9 L) pails, and 55 gal (208 L) drums.

COLORS

Available in Almond, Aluminum, Aluminum Stone, Anodized Aluminum, Beige, Black, Bronze, Buff, Dark Bronze, Gray, Ivory, Limestone, Natural Clay, Redwood Tan, Stone, and White.

All colors are not available in all package sizes. Some colors may require a minimum quantity. Contact Tremco Customer Service for more information.

LIMITATIONS

Vulkem 116 is approved for exterior use only. Do not use this product inside an occupied building even if there are no occupants present during use. Refer to product SDS, available on our website, for all health and safety information.

Do not apply Vulkem 116 over damp, green, or contaminated surfaces. Do not use in chlorinated, potable, heavy, or waste water.

Although this product is paintable, this does not imply adhesion to and compatibility with all paints. Please refer to Tremco Technical Bulletin No. S-09-05 for more information.

WARRANTY

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

TYPICAL PHYSICAL PROPERTIES

| PROPERTY | TEST METHOD | TYPICAL RESULTS |
|------------------------------|----------------------|---------------------------------|
| Extrusion Rate | ASTM C1183 | 40 to 50 mL/min |
| Hardness | ASTM C661 | 40 |
| Weight Loss | ASTM C1246 | Pass |
| Skin Time | ASTM C679 | 6 hours |
| Tack Free Time | 73.4°F (23°C) 50% RH | 30 hours |
| Stain and Color Change | ASTM C510 | No stain / visible color change |
| Adhesion to Concrete | ASTM C794 | 20 to 25 pli (89 to 111 N) |
| Adhesion to Brick | ASTM C794 | 19 to 23 pli (85 to 102 N) |
| Effects of Accelerated Aging | ASTM C793 | Pass |
| Movement Capability | ASTM C719 | ± 25% |
| Tensile Strength | ASTM D412 | 200 to 250 psi |
| % Elongation | ASTM D412 | 200 to 300% |

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.

V116-DS/0123

Tremco Construction Products Group (CPG) brings together Tremco CPG Inc. and its Dryvit and Nudura brands; Willseal; Prebuck LLC; Tremco Barrier Solutions, Inc.; Weatherproofing Technologies, Inc. and its Pure Air Control Services and Canam Building Envelope Specialists offerings; and Weatherproofing Technologies Canada, Inc.



tremcosealants.com | 800.321.7906



Construction Products Group

3735 Green Rd. | Beachwood, OH 44122
800.321.7906 | tremcocpg.com