

Product Description

Vibra-TITE 816 is a multipurpose structural sealant designed for difficult bonding and sealing applications. It is a moisture curing sealant developed for industrial uses requiring elasticity, high green strength and excellent adhesion.

Vibra-TITE 816 is tough, elastic and waterproof. It bonds aggressively to steel, aluminum, ceramics, Styrofoam®, Kynar® coated metal, glass, wood and many plastics. Vibra-TITE 816 is suited for many applications requiring adhesion to concrete and cementitious building materials.

Vibra-TITE 816 is based on a unique polymer system that is fast curing at temperatures as low as 13°F. Vibra-TITE 816 has excellent weathering characteristics and is suitable for use in all climates.

Features and Benefits

- Solvent and isocyanate free, **No VOC's**
- Good chemical resistance
- Low odor
- Fast curing
- Extremely low shrinkage.
- Paint compatible
- Permanently elastic in a broad temperature range
- Non-flammable

Physical Properties

Basic Material	Proprietary Polymer
Consistency	Paste
Color	White
Odor	Nil
Components	1
Type	Elastic
Specific Gravity	1.4 – 1.5
Solvent Percentage	0
Isocyanate Percentage	0
Shelf Life	11 months in unopened containers stored between 60° and 80° F.

Performance Properties

Shear Strength	>296 psi	ASTM D 412
Elongation at Break	>540%	ASTM D 412
Hardness Shore A	38 (14 day Cure)	ASTM C-661
Initial Skin Formation	8 - 13 minutes	ASTM-679
Slump (sag)	Zero Slumping	ASTM C-639
Stain Testing	No Staining	
Low Temp Flex	-20°F	Pass
Extrusion Rate	338 grams/ min.	40 psi @ 5mm
Service Temperature	-40°F to 200°F, temporarily resistant to 390°F	

Storage

Product should be stored in a cool and dry location at temperatures below 40°C. Optimal storage is 22±4°C. Shelf life is 6 months from date of manufacture when stored at 22±4°C

Note

The data are furnished for information only and are believed to be reliable. We cannot assume responsibility for the results obtained by others over whose methods we have no control. It is recommended that the product be tested in the application for which it is to be used.

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Packaging

Standard packaging includes 5 gal. pails, 55 gal. drums, and Intermediate Bulk Containers (275-330 gallon totes).