



PlanetBond

High Performance Elastomeric Adhesive Sealant

Brick it™ PlanetBond is a one component, high modulus, mildew resistant multipurpose silyl-terminated polyether (hybrid) elastomeric sealant and adhesive. When fully cured, this unique VOC compliant formula offers UV stability and firm bonding to PVC, concrete, glass, aluminum, painted surfaces, wood, plywood, marble, metal, plus many other common substrates. This product is specifically formulated to offer all weather performance to meet today's Green Building Standards. The eco-friendly adhesive sealant is Volatile Organic Content compliant, non-corrosive and contains no solvents or isocyanates. Cured sealant is non-toxic and non-hazardous. Conforms to California Prop. 65 Listed Chemicals.

Advantages

- Perfect adhesive
- Adhesion to Kynar®
- Non-corrosive
- Paintable
- Doesn't shrink or crack
- Flexible and durable
- Doesn't yellow or stain
- Resistant to most chemicals
- Eco Friendly
- Color stability and UV resistant (ASTM G26)
- VOC compliant
- Contains no solvents or isocyanates

Meets Specifications: TT-S-00230C, USDA Approved, ASTM C920 TYPE S, NS, CLASS 25; AAMA Approved: 808.3 & 805.2, 803.3 (TYPE I), 802.3 (TYPE II)

Uses

- Sealing openings and exterior surfaces
- HVAC/R
- Plumbing
- Roofing
- Kitchen and bath countertops
- Sanitary seals
- Precast concrete
- Industrial gaskets
- Transportation seals
- Marine cabins
- Appliance trim and parts
- Exterior and interior

MANUFACTURER

Brick It

Customer Service: +1 631 591 9210

www.brickit.com

Caution

Keep out of reach of children. Wear eye protection. In case of contact with eyes, immediately flush with water for 15 minutes. If irritation persists, get medical attention. Remove contact lenses before using sealant. Do not handle lenses until all sealant has been cleared from the fingertips, nails, and cuticles. Residual sealant may remain on fingers for several days and transfer to lenses and cause severe eye irritation. Uncured product contact may irritate the skin and lungs. To clean from skin, wipe very thoroughly with dry cloth or paper towel before washing with detergent and water. Avoid breathing vapor. Use in well ventilated area. Get medical advice/attention if you feel unwell or if skin irritation or rash occurs. Wear protective gloves. Dispose of contents/container to an approved waste disposal plant. Fully cured sealant is non hazardous. Refer to Safety Data Sheet for detailed information and NFPA listings. Conforms to California Prop. 65 Listed Chemicals.

Keep Out Of Reach Of Children

Warranty

Any goods proved defective will be replaced or refunded at purchased price. The limited warranty described herein is in lieu of any other warranty, expressed or implied, including any implied warranty of merchantability or fitness for a particular use. The user shall determine suitability of the product for its intended use. Liability for any incidental or consequential damage or loss is excluded. The user assumes all risks for the product's use, handling and storage.



PHYSICAL PROPERTIES		TEST METHOD
Cure System	Hybrid, Moisture Cure	
Movement Capability, %	±25%	ASTM C-719
Modulus	High	ASTM D-412
Physical Properties (Cured)	Rubber	
Specific Gravity	1.66	
Extrusion Rate, g/min.	320	ASTM C-1183
1/8 orifice @ 50 psi		Modified
Temperature Range	-75°F to 220°F	
Intermittent Temperature Range	250°F	
Accelerated weathering (2000 hrs.)	UV-A, No Change	QUV Weatherometer
Sink Over Time (min.)	20*	MNA Method
Tack Over Time (min.)	40*	ASTM C-679
Cure Rate	1/8* per 24 hrs*	MNA Method
Tensile Strength (psi)	225	ASTM D-412
Elongation %	450-500	ASTM D-412
Durometer Shore A	46	ASTM C-661
Shelf Life (months)	12	Accelerated weathering (2000 hrs.)
Shelf Life (months)	18 gr./liter	

*All properties derived from lab conditions (77°F at 50% relative humidity)

Test results are averages obtained under laboratory conditions. Reasonable variations can be expected.