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ArmorSeal™ Sealant **BG**

PRODUCT DESCRIPTION

ArmorSeal™ Sealant BG is a cold-applied, moisture-cured elastomeric waterproofing membrane. It is single component with 100% solids content capable of withstanding extreme cold and high temperatures without shrinkage, cracking, or softening. It is used for positive-side waterproofing of foundations, between-slab waterproofing, equipment wells, plane transitions, and other below-grade construction.

PRODUCT ADVANTAGES

ArmorSeal Sealant BG contains high solids resulting in wet film thickness drying to the same dry film thickness. It is non-flammable and has a very low odor. Fast setting allowing two coat application within one day. Bonds to and has no out-gassing on green concrete.

PRODUCT APPLICATION

Maintain at room or above temperature prior to application and do not use below 35°F (2°C). Remove all surface contaminants that could interfere with bonding, power wash as necessary. Cure times may vary with temperature and environment conditions. Always apply two coats to prevent or eliminate pin holes. Vertical applications require a total thickness of 60mils resulting from two 30mil coats. Horizontal applications require a total thickness of 120mils resulting from two 60mil passes. For best results apply second coat after first coat achieves firmness. Second coat must be applied within 72 hours of the first coat. When using reinforcement mesh, embed mesh after first coat as quickly as possible. Film thickness must be verified with a wet film thickness gauge.

GREEN STANDARDS

- NAHB Model Green Home Building Guidelines: [5 Global Impact Points](#)
- VOC Content: less than 36 grams/liter ASTM D2369 EPA Method 24 (tested at 240°F / 115°C)

REGULATORY COMPLIANCE

- Conforms to OTC Rule for Sealants
- Meets requirements of California Regs: CARB and SCAQMD
- This product does not contain cancer causing chemicals listed in California Proposition 65
- Conforms to USDA Requirements for Non-food Contact



PRODUCT LIMITATIONS

Do not use above-grade application without a protective UV barrier and test for asphalt staining prior to coating. Remove all coatings and sealants at the application area prior to applying ArmorSeal Sealant BG. Do not thin with solvents, water, or foreign material. While in most cases primer is not necessary, when priming, do not use an asphalt primer.

STORAGE AND HANDLING

Store in original, unopened containers in a cool and dry location protected from water, heat, and direct sunlight. Pails have a six month shelf life and sausage tubes have a one year shelf life both when stored at 70°F (21°C) with 50% relative humidity. Elevated temperatures and relative humidity will reduce shelf life. Wet sealant may be removed using a solvent such as alcohol while cured may be removed by scraping the substrate. Avoid prolonged contact with skin. Uncured sealant irritates the eyes. In case of eye contact, immediately flush with water and call a physician. Refer to the Safety Data Sheets for further information.

SEALANT PACKAGING AND CHARACTERISTICS	
Gunnable Sealant	
Size	20oz (591 ml) tube
Color	Black
Typical Application	Below Grade Seams and Fasteners
Brush Grade Sealant	
Size	3.5gal(7.5 L) and 5gal (18.9 L) Buckets
Color	Gray
Typical Application	Plane Transitions and Flashing



Explore our other ArmorWall System Components:

ArmorWall Return

ArmorWall Board

ArmorWall Screw

ArmorWall Attachment Screw

ArmorSeal VP

ArmorSeal NP

ArmorSeal Mesh Reinforcement

ArmorWall BG Trowel Flash

ArmorWall BG Trowel Reinforcement

ArmorSeal Sealant

PHYSICAL PROPERTIES ASTM C836		
Property	Result	Test Method
Grade	Brush, Roller, or Squeegee Grade	-
Viscosity	250,000 cp +/- 50,000 cp	Brookfield RVF TE Spindle, 4 RPM, 73°F (23°C)
Density	10.9 +/- 0.2 lbs per gallon	ASTM D1475
Tack Free Time	60 min +/- 20 min	45 +/- 5% R.H.
Solid Content By Weight	98%	ASTM C1250
Shore A Hardness	57	ASTM D2240
Average Permeability	0.1 perm inches	ASTM E96
(Vertical) Film Thickness	PASS	ASTM C1375
Adhesion-in-Peel	PASS	ASTM C794
Adhesion-in-Peel After Water Immersion	PASS	ASTM C794
Low Temperature Crack Bridging	PASS	ASTM C1305
Extensibility Heat Aging	PASS	ASTM C1522
Service Temperature	-40°F to 200°F (-40°C to 93°C)	
Tensile Strength, Elongation	94 lb/in ² (648 kN/m ²), 378%	ASTM D412, Die C
Surface Burning	Flame Spread Index - 25 Smoke Development Index - 0	UL Meets Class A



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For specific inquiries regarding installation please contact MaxLife Industries Customer Services.

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