

Water Block Mastic

TECHNICAL PRODUCT INFORMATION



STRONGHOLD™

StrongHold Water Block Mastic is a high-performance, low VOC, non-curing, non-skinning, and permanently flexible mastic. By remaining flexible throughout its working life, StrongHold Water Block Mastic maintains a positive seal and adhesion, preventing water intrusion through areas of compression in commercial roofing systems.

FEATURES & BENEFITS

StrongHold Water Block Mastic also provides the following features and benefits:

- Can be used behind termination bar, under roof drains, as an acoustical sealant, roof panel rib sealant, or vapor barrier sealant
- Adheres to concrete, masonry, gypsum, metal, glass, plastic, and wood surfaces
- Low VOC formula is suitable for use in all VOC regulated markets
- Maintains permanent flexibility even in low temperatures
- Wide application temperature range

PACKAGING

Package: 10.3 oz tubes

Tubes per carton: 30

Quantity per Pallet: 48

Pallets per truckload (typical): 18-20

APPLICATION

The surface to be adhered must be clean, dry, and sound, as well as free of dirt, moisture, oils, algae, or other contaminants that may interfere with proper adhesion. Carefully remove any loose material from the surface with a wire brush or scraper. Grease and oil should also be removed with environmentally safe solvents or an appropriate cleaner. In most cases, a high-pressure water blast will be sufficient to prepare the surface. As with all adhesives, proper preparation is key to yielding optimal results.

Product application should be suspended immediately and our technical service personnel contacted if the results being obtained are less than desirable.

StrongHold Water Block Mastic is a highly versatile product and can be installed in a large number of roofing conditions where an unexposed sealant is needed. Application instructions are generalized for most situations.

Cut the nozzle on the cartridge to allow for proper bead installation. Apply a bead of StrongHold Water Block Mastic of sufficient size to completely seal the void between the objects to be sealed. Install the product and fasten accordingly.

NOTE: StrongHold Water Block Mastic is intended for

waterproofing only and does not function as a structural sealant or to replace mechanical fastening.

For drain applications, install a continuous bead of StrongHold Water Block Mastic in between the roof membrane and drain bowl. Install the drain clamping ring according to the drain manufacturer's specifications.

Coverage rates can vary drastically for different conditions. For a 1/2" bead of mastic, the rate should be approximately 10-12 lineal feet per tube.

Specific application methods may vary, depending on the roof system being installed, as well as the substrate and type of insulation being installed. Please refer to the BITEC Roofing Products Installer's Guide for detailed application guidelines.

As with any roofing project, good roofing practices should always be followed.

STORAGE & HANDLING

Store materials locked up and in a well-ventilated, dry, and temperature conditioned location. Keep containers tightly closed with the valve side up. When stored in the original, unopened containers between 40°F (4°C) and 110°F (43°C), the recommended shelf life is 24 months from the date of manufacture.

PRECAUTIONS

Use only in unexposed areas. Not to be used in locations with direct exposure to UV light. Not recommended for direct contact with insulating glass sealants. Not to be painted. Talc, dust, oil, ice, snow, or wet conditions inhibit good adhesion.

Safety first! Read all label information, SDS, and precautions before using. For safety information on our products, please visit www.bitec.com.

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Technical Schedule		
Base Polymer	Synthetic Rubber	
Color	Gray	
Weight	10.5 lbs / gal	ASTM D 1475
VOC	<150 g/L	ASTM D 3960
Solids	85% min	ASTM C 681
Adhesion	Excellent to most clean and dry surfaces	ASTM C 794
Flash Point	105°F (40°C)	ASTM D 56
Service Temperature	-40° (-40°C) - 200°F (93°C)	ASTM D 3359
Application Temperature	20° (-6°C) - 120°F (49°C)	ASTM C 603
Shelf Life (unopened)	24 months	

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