

Water Block Mastic Sealant (ELASTISEAL BP-300)

Techno rubber Water Block Mastic is a Butyl based, gray colored, high performance, low VOC, non-curing, permanently flexible gun grade mastic. It maintains a positive seal by remainin flexible and adhered to all approved substrates. Water Block Mastic is a non-curing, non-skinning secondary sealant designed for unexposed waterproofing applications.



Basic Use

Behind termination bar

Under roof drains

Acoustical sealant

Roof panel rib sealant

Vapor barrier sealant

Preparation

Substrate: All work surfaces should be clean, dry, free of dirt, dust, debris, oils, unadhered coatings, deteriorated membrane and other contaminants that may result in a surface that is not sound or is uneven. If necessary, clean the surface to receive the Water Block Mastic with an approved surface cleaner.

Application

Cut nozzle on cartridge to allow proper bead installation.

Apply an approximately 1/2" (1.3cm) size bead (or appropriate size bead to completely seal void) of Water Block Mastic between the objects to be sealed.

Install product and fasten accordingly. Note: Water Block Mastic is not intended to be used as a structural sealant or to replace mechanical fastening. It is intended for waterproofing only.

For drain applications, install a continuous bead of Millennium Water Block Mastic in between roof membrane and drain bowl. Install drain clamping ring according to drain manufacturer recommendations.

Note: This is a non-skinning, non-curing sealant and is intended for unexposed applications only.

Technical Specifications

Properties	Typical Values	Test Method
Base Polymer	Butyl base (Synthetic Polymer)	FTIR
Adhesion	Excellent to most clean, dry surfaces	ASTM C 794
Water Resistance	No adhesion loss, no shrinkage, no chalking	
Flash Point	105°F (40°C)	ASTM D 56
VOC Content	<150 g/L	ASTM D 3960
Solids Content	85% Minimum	ASTM C 681
Weight/Gal	10.5 lbs.	ASTM D 1475
Application Properties		
Service Temp	-40°F to 200°F	ASTM D 3359
Application Temp	20°F to 120°F	ASTM C 603

Packaging

Cartridge Size: 10.3 fl.oz. (305mL)

Cartridge / Case: 30

Coverage: ~5 to 6 LM

Limitations

Talc, dust, oil, ice, snow, or wet conditions inhibit good adhesion. Clean and dry surfaces are necessary for proper installation of this product.

Not recommended for direct contact with insulating glass sealants.

Not to be used in locations exposed to direct UV light.

Not to be painted.

Use only in unexposed areas.

Storage and Shelf Life

Store material in original unopened packaging at temperatures between 40°F-110°F. Shelf life is 24 months when stored as recommended