

SINGLE-PLY RESTORATION

# Millennium Water Block Mastic (BP-300)



## DESCRIPTION

Millennium Water Block Mastic is a gray colored, high performance, low VOC, non-curing, permanently flexible gun grade mastic. It maintains a positive seal by remaining flexible and adhered to all approved substrates.

## BASIC USE

Millennium Water Block Mastic is a non-curing, non-skinning secondary sealant designed for unexposed waterproofing applications. Millennium Water Block Mastic can be used:

- Behind termination bar
- Under roof drains
- Acoustical sealant
- Roof panel rib sealant
- Vapor barrier sealant

## SURFACE PREPARATION

All work surfaces should be clean, dry, free of dirt, dust, debris, oils, un-adhered 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 Millennium Water Block Mastic with an approved surface cleaner.

## 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.

## SAFETY

Prior to working with this or any adhesive product consult product label and Safety Data Sheet (SDS) for necessary health and safety precautions.

## STORAGE

Store material in original unopened packaging at temperatures between 40°F-110°F (4°C-43°C). Shelf life is 24 months when stored as recommended.

## PACKAGING AND COVERAGE

Millennium Water Block Mastic is available in the following package:

Cartridge Size	Part #	Cartridges/Case
10.3 fl. oz. (305 mL)	CT-0304-GR	30

Coverage rate will be approximately 10-12 lineal feet (3.0 - 3.7m) for a 1/2" (1.3cm) bead.

## FEATURES

## BENEFITS

<b>Low VOC formula (&lt;150 g/L)</b>	<b>Suitable for use in VOC regulated markets</b>
<b>Excellent adhesion to clean and dry substrates. No primer required</b>	<b>Adheres to concrete, masonry, gypsum, metal, glass, plastic and wood surfaces</b>
<b>Excellent gunnability at low temperatures</b>	<b>Wide application temperature range</b>
<b>Water resistant, even under immersion conditions</b>	<b>Long term moisture barrier</b>
<b>Non-skinning and non-curing</b>	<b>Permanently flexible even at low temperatures</b>

## APPLICATION

1. Cut nozzle on cartridge to allow proper bead installation.
2. Apply an approximately 1/2" (1.3cm) size bead (or appropriate size bead to completely seal void) of Millennium Water Block Mastic between the objects to be sealed.
3. Install product and fasten accordingly. Note: Millennium Water Block Mastic is not intended to be used as a structural sealant or to replace mechanical fastening. It is intended for waterproofing only.
4. 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 manufacturers recommendations.
5. Note: This is a non-skinning, non-curing sealant and is intended for unexposed applications only.

## TECHNICAL DATA

Typical Physical Properties and Characteristics		
	Typical Values	Test Method
Base Polymer	Synthetic Rubber	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 temperature	-40°F to 200°F (-40°C to 93°C)	ASTM D 3359
Application temperature	20°F to 120°F (-6°C to 49°C)	ASTM C 603

### NOTE:

The foregoing information is published as general information only. The listed properties and performance characteristics are typical values and are not to be interpreted as manufacturing specifications.

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