

HEATLOK® | ABS MASTIC

AIR BARRIER SYSTEM



TECHNICAL DATA SHEET

Heatlok® ABS Mastic is a polyether-based resin, single-component, moisture cure elastomer sealant and adhesive. It is odorless and has low VOC content.

It is designed to waterproof around details where penetrations represent a technical challenge. It is used in conjunction with CMU substrates that are covered with Demilec's Heatlok ABS Membrane, on organic felt and on oxidized bitumen membranes. It can be applied to horizontal and vertical surfaces.

SURFACE PREPARATION

Surfaces must be clean, dry and free of debris, dust, non-adhered particles, oil, corrosion, rust or other contaminants. Metal surfaces and PVC pipes must be cleaned with non-greasy solvents, such as acetone or methyl ethyl ketone (MEK).

INSTALLATION

Minimum application temperature: > 32°F (0°C) Service temperature: -40 to 200°F (-40 to 93°C)
Curing time depends on relative humidity, temperature and air movements. However, the product is waterproof once it is dry to touch.

Using a standard caulking gun or sausage tube, seal the base of each penetration with sealant. Cover the penetration with sealant at least 1 in. (25 mm) above the height of the precast blocks.

Under and at the ends of precast block, on the flat surface, apply a 1/4 in. (6 mm) bead around the perimeter and at the center of the surface. Place and align the precast blocks on the roof outline. Apply pressure on the precast blocks until product overflows from all sides of the precast blocks to avoid any water infiltration between roof covering and precast blocks. Install all precast blocks required to achieve the desired configuration.

Apply a bead of sealant and adhesive to the block joints and at the outer perimeter of the structure made of precast blocks. Using the tip of a trowel, bond the sealant and adhesive to the membrane.

Horizontal surfaces: completely fill the configuration with the sealing mastic.
Vertical surfaces: completely fill the configuration with the sealant and adhesive product.

For more information on the product installation, please contact your Demilec representative.

PACKAGING	
Specifications	Heatlok ABS Mastic
Physical State	Liquid
Color	White
Content	Cartridge of 300 ml (10.1 oz)
Coverage Rate per Cartridge	15 linear ft. (4.5 linear m)

CLEANING

Tools can be cleaned with solvents, such as mineral spirits, varsol or xylene.

STORAGE & HANDLING

This product may be kept for a period of 12 months when properly stored in its original container. Heatlok ABS Mastic sealant and adhesive must be kept at a temperature of 32 - 80°F (0 - 26°C) at all times. Store in a ventilated place, away from heat, moisture and sunlight. Keep away from frost.

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PROPERTIES		
Properties	Standards	Heatlok ABS Mastic
VOC Content	-	> 25 g/L
Sag Resistance	ASTM C639	Zero slump
Brookfield Viscosity @ 77°F (25°C)		1,200,000 cP
Density	ASTM S1475	1.8 lb/gal (1.4 kg/L)
Solids Content		100%
Elongation at Break	ASTM D412	290%
Tensile Strength	ASTM D412	330 psi (2.3 MPa)
Shear Strength	ASTM D1002	380 psi (2.6 MPa)
Hardness Shore A	ASTM C661	45
Low Temperature Flexibility	ASTM D816	Pass
Shrinkage	-	No visible shrinkage after 14 days
Skin Over	ASTM C679	30 minutes

For more information, please read the instructions on the container label and the relevant Safety Data Sheet (SDS).