



TECHNICAL DATA

Thermolene® SEBS Mastic

Elastomeric SEBS Flashing Compound

DESCRIPTION

Thermolene® SEBS Mastic is a high performance elastomeric single component block co-polymer flashing compound. Thermolene® SEBS Mastic is an integral component of many Thermolene® Roofing Systems. Thermolene® SEBS Mastic is VOC compliant.

Each roof application has unique requirements and as such may require a specific system configuration and application. This product is manufactured to our product specification and our only obligation shall be to replace such product if proven to be defective. Thermo Manufacturing Systems, LLC does not assume responsibility for any defects in application of this product, or any deficiencies in any roof or substrates on which this product is applied, nor shall Thermo Manufacturing Systems, LLC be responsible or liable for injury, loss, or damage of any kind or character, direct or consequential, arising from the application, use or inability to use this product.

USES

Thermolene® SEBS Mastic makes an excellent sealant for horizontal and vertical joints for metal roofing systems. Use it to seal bolt heads, fasteners, material, or to patch and repair an existing acrylic, fiberglass, metal, aluminum, and most plastics. Thermolene® SEBS Mastic may be applied directly to a variety of substrates without the use of additional primer. For best results, Thermolene® SEBS Mastic should be reinforced with Thermo Materials® polyester fabric and coated with Thermolene® SEBS Reflective. Coating may be applied over the sealant in 24 - 48 hours.

COLOR

White

STORAGE STABILITY

One year when stored in unopened containers at 40°F - 80°F. DO NOT FREEZE.

CLEAN UP

Mineral spirits

PRIMER

On properly prepared surfaces, no priming is needed for application to plywood, most metal, aged BUR, aged modified bitumen, EPDM, Hypalon, TPO or aged SPF.

CURE TIME

When applied at 16 wet mils coating thickness and conditions of 75°F and 50% relative humidity, Thermolene® SEBS Mastic should reach final cure within 24 to 48 hours. Colder weather and/or higher humidity will tend to retard curing whereas warmer weather and/or lower humidity will tend to accelerate curing.

LIMITATIONS

Thermolene® SEBS Mastic should not be shipped or stored at temperatures below 32°F. Thermolene® SEBS Mastic is not recommended for installations where ponding water is likely to occur for longer than 48 hours. Thermolene® SEBS Mastic should not be applied when weather conditions will not permit drying, i.e. high relative humidity (>90%), just before rain, dew, freezing temperatures or sunset. Keep product away from heat, sparks and open flame.

PACKAGING

Available in 5 gallon pails

SURFACE PREPARATION

Thermolene® SEBS Mastic is supplied ready to use. Thinning is not required or recommended. If required, stir the materials slowly to ensure uniformity. DO NOT MIX AT HIGH SPEED. All surfaces to be coated must be clean, dry and free of any oil, grease, dirt or rust. Rust must be removed and area treated with appropriate Thermo Materials® products.

APPLICATION INSTRUCTIONS

Apply by brush or trowel in thin, uniform applications

WARRANTY

When installed by an approved applicator and with an approved maintenance program, various extended warranties are available for specific Thermo Materials® Roof Restoration Systems by notifying Thermo Manufacturing Systems, LLC **PRIOR** to job start. Call for details regarding warranty application documentation requirements.

TYPICAL PHYSICAL PROPERTIES

PROPERTY	VALUE	TEST METHOD
Weight per Gallon	8.0 lbs ± .5 lbs	
Solids Content by Weight	70% ± 2%	
Viscosity (KU)	> 140	
Viscosity (cPs)	50,000	
Initial Elongation	1400%	ASTM D412
Initial Tensile Strength	1900 psi	ASTM D412
Low Temperature Flex after 1000 hrs Xenon Arc Aging	Pass	
Fungi Resistance	Zero Rating	

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