



# TECHNICAL DATA

## Thermocone THS Mastic

### High Solids Silicone Flashing Compound

#### DESCRIPTION

Thermocone THS Mastic is a high performance single-component high-solids solvent-based 100% silicone flashing compound. It is a moisture-curing mastic with excellent adhesion to most roof surfaces. Thermocone THS Mastic is an integral component of Thermocone Roofing Systems.

*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

Thermocone THS 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 on existing acrylic, metal, aluminum, SPF and a variety of roof substrates. For best results, Thermocone THS Mastic should be reinforced with Thermo Materials® polyester fabric and coated with Thermocone THS Silicone. Coating may be applied over the sealant in 24 – 48 hours.

#### COLOR

White

#### STORAGE STABILITY

Six months 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 SPF, plywood, most metal, TPO or Hypalon. Priming is required for EPDM, PVC, BUR or modified bitumen.

#### CURE TIME

Thermocone THS Mastic will cure under most conditions in 24 - 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

Thermocone THS Mastic should not be shipped or stored at temperatures below 32°F. Thermocone THS Mastic is not recommended for installations where ponding water is likely to occur for longer than 96 hours. Thermocone THS Mastic should not be applied when weather conditions will not permit drying, i.e. high relative humidity (<10%), 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

Thermocone THS 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
Weight per Gallon	10 lbs ± 0.5 lbs
Solids Content by Weight	100%
Solids Content by Volume	97% ± 2%
Viscosity (KU)	> 140
Viscosity (cPs)	50,000
Initial Elongation	63%
Initial Tensile Strength	200 psi
Low Temperature Flex after 1000 hrs Xenon Arc Aging	Pass
Fungi Resistance	Zero Rating

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