



# MaSI

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## PRODUCT DESCRIPTION

Rugged Coatings MaSI is a premium, high-performance seam sealer and repair mastic designed for safeguarding seams, penetrations, and fasteners across a range of architectural surfaces and roofing materials. Once fully cured, MaSI creates a resilient, breathable, and water-resistant shield that remains impervious to UV damage and the effects of natural weathering. MaSI is available in one sizes: a 2-gallon pail (SIRM900-P).

## PRODUCT LIMITATIONS

MaSI should not be applied to unprepared surfaces including but not limited to those that are wet, dusty, oily, mildewed, heavily chalked, blistered or otherwise structurally unsound. Asphaltic and/or bituminous substrates may cause discoloration or bleeding of the silicone mastic.

## PRODUCT CHARACTERISTICS

Vehicle Base	Premium Silicone Mastic
Solids by Weight (ASTM 2326)	97% +/- 2
Solids by Volume	91% +/- 2
Dry Time @75°F and 50% RH (Drying Time is temperature, humidity and film thickness dependent)	
To Touch	6 Hours
Tack Free Cure	2 Hours
VOC	<50 g/L
Flash Point	153°F
Clean Up	Mineral Spirits, Alcohol, or Toluene
Shelf Life	18 Months

## PERFORMACE CHARACTERISTICS

Elongation	60% +/- 10 psi @ 73°F
Tensile Strength	305 +/- 10 psi @ 73°F
Tear Resistance	25 +/- 5 lbf/in @ 73°F

## APPLICATION EQUIPMENT

Rugged Coatings MaSI can be applied by trowel, stiff brush or gloved hand. For cold weather application, keep material stored above 65°F (18°C). Do not apply to substrates with temperatures below freezing or above.

## APPLICATION

Apply Rugged Coatings MaSI to ensure a uniform build and thorough coverage typically applied in one application. If applying in multiple applications, allow adequate time between each application for the sealant to cure before applying additional material. Final cured thicknesses must be free of voids, pinholes, cracks or blisters. Refer to Data Sheet for complete details.

## SURFACE PREPARATIONS

All surfaces to be coated must be clean, dry, and paintable. It may be necessary to power wash and/or prime to enhance adhesion. See application specification for more details.

## PONDING WATER

Rugged Coatings MaSI can be used on appropriately prepared surfaces, even those with ponded water. However, it's worth noting that the National Roofing Contractors Association (NRCA) discourages ponding water as a non-standard roofing practice and advises the design and construction of roof systems to ensure proper drainage (Refer to the NRCA Roofing and Waterproofing Manual). If you have any specific inquiries about applying this product, please get in touch with the Rugged Coatings Technical Department.

## COVERAGE

Recommended 25-33 linear feet at 1/16" thick. Application rates are job specific and will vary by surface, porosity, and job conditions. Additional material may be required.

## MIXING PROCEDURES

Rugged Coatings MaSI should be applied as received and dilution with solvent is not recommended. If settling in the package has occurred, stir or shake the material prior to use.

## SHELF LIFE

18 months from date of manufacture when properly stored in cool, shaded, and dry conditions. MaSI can be stored in unheated warehouses during the cooler months without the risk of freezing.

## CLEAN UP

Cleanup of equipment containing uncured material may be accomplished by cleaning with mineral spirits or toluene. DO NOT USE water or alcohol.

## WARRANTY AND DISCLAIMER

**Rugged Coatings** warrants MaSI to be free from defects in materials and manufacturing. Under this warranty, we will provide, at no charge, a quantity of MaSI sufficient to replace any MaSI proven to be defective when applied according to our written instructions and in applications recommended by us as suitable for the product. THIS LIMITED WARRANTY IS THE BUYER'S SOLE AND EXCLUSIVE REMEDY AGAINST RUGGED COATINGS REGARDING THE PRODUCT. IN NO EVENT SHALL RUGGED COATINGS BE LIABLE FOR ANY CONSEQUENTIAL, SPECIAL, INCIDENTAL, INDIRECT, PUNITIVE OR OTHER DAMAGES ARISING FROM THE USE OR PERFORMANCE OF THE PRODUCT. Since methods of application and on site conditions can affect performance, RUGGED COATINGS MAKE NO OTHER WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE REGARDING THE PRODUCT, AND RUGGED COATINGS HEREBY DISCLAIM ALL SUCH OTHER WARRANTIES. The information and recommendations set forth in this Product Data Sheet are based upon tests conducted by or on behalf of Rugged Coatings. Such information and recommendations set forth herein are subject to change and pertain to the product offered at the time of the publication. Consult your Rugged Coatings Technical Representative to obtain the most recent Product Data. **Information.** If further information is needed, contact Rugged Coatings Technical Service at 205-440-4996.