



PRODUCT DESCRIPTION

#9300 Eterna-Sil Perma Patch is a solvent-based fibered silicone mastic intended for use as a direct-bond, permanent patch and repair product. Can be used to repair membrane punctures caused from hail damage or mechanically induced damage from foot traffic, HVAC servicing, and other related membrane perforations. #9300 can be used to permanently seal joints and fasteners on a variety of roofing details and applications.

PRODUCT LIMITATIONS

#9300 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 or bituminous substrates may cause discoloration or bleeding of the mastic. It is recommended that the use of Tropical's 996 Eterna-Sil Premium Bleed Blocker be used to mitigate this discoloration and bleeding. Refer to Data Sheet for complete details.

PHYSICAL PROPERTIES

ETERNA-SIL PERMA PATCH	
Tensile Strength	184 ± 5 psi @ 73F
Elongation	74% ± 5 @ 73F
Tear Resistance	35 ± 3 lbf/in @ 73F
V.O.C.	<250 g/L
Solids by Weight	83% ± 2

Solids by Volume	73% ± 2
Full Cure Time	24 hours
Dry to Touch	6 hours
Shelf Life**	18 months (un-opened containers) **when stored between 35°-75°F

PONDING WATER

#9300 Eterna-Sil Perma Patch can be applied over properly prepared surfaces that exhibit ponded water, however, The National Roofing Contractors Association (NRCA) considers ponding water an undesirable non-standard roofing practice and recommends that all roof systems be designed and built to ensure positive drainage. (See the NRCA Roofing and Waterproofing Manual). Please contact Tropical Roofing Products Technical Department for any specific questions regarding the application of this product.

PREPARATION

All surfaces to be coated must be clean, dry, and paintable. #9300 Eterna-Sil Perma Patch may be applied to damp surface, but any standing or ponding water should be removed. It may be necessary to power wash and/or prime to enhance adhesion. See application specification for more details.

MIXING PROCEDURES

#9300 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.

APPLICATION EQUIPMENT

#9300 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 120°F (49°C).

APPLICATION

Apply #9300 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.

APPLICATION OF TOP COATS

#9300 Eterna-Sil Perma Patch is UV stable. No top coat is required. It is not intended to be painted or covered over with any product other than Tropical Roofing Products Silicone Roof Coatings.





COVERAGE

Recommended 80-120 linear feet at a minimum thickness of 1/8". Application rates are job specific and will vary by surface, porosity, and job conditions. Additional material may be required.

PRECAUTIONS

Inclement weather may negatively affect uncured #9300 by displacement of uncured material; therefore, application should not proceed if heavy rain, hail or snowfall is impending or expected within 4 hours of application. #9300 requires atmospheric moisture for propagation of cure, thus it is not suitable for use in totally confined spaces.

CLEANUP

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

CURE TIME

Tack free in 2 hours. Dry to touch in 6 hours. Drying time is dependent on temperature, humidity and film thickness. Product is moisture-cure; low humidity will result in longer cure times.

SHELF LIFE

#9300 can be stored in unheated warehouses during the cooler months without the risk of freezing. Shelf life is 18 months from date of manufacture when properly stored.

PACKAGING

Container 2.0 Gallons (7.57 Liters)

AVAILABLE COLORS

White, Gray, Black

SHIPPING INFORMATION

D.O.T. Classification: Roof Coating, Not Regulated NFMCA #170080

CONTAINER SIZE	CLASS
2 Gal.	55

KEEP OUT OF REACH OF CHILDREN. Close container after each use. DO NOT TAKE INTERNALLY! If swallowed, do not induce vomiting. CALL PHYSICIAN IMMEDIATELY!

To the best of our knowledge, all technical data contained herein is true and accurate as of the date of the issuance and subject to change without prior notice. User must contact TROPICAL ROOFING PRODUCTS (TRP) to verify correctness before specifying or ordering. We guarantee our product to conform to the quality control standards established by TRP. We assume no responsibility for coverage, performance or injuries resulting from use. Liability if any, is limited to replacement of the product. NO OTHER WARRANTY OR GUARANTEE OF ANY KIND IS MADE BY TRP EXPRESSED OR IMPLIED, STATUTORY, BY OPERATION OF LAW, OR OTHERWISE, INCLUDING MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE