



PRODUCT DESCRIPTION

903 Sunguard Roof Coating, designed specifically for the Arizona market, is a 100% ACRYLIC based high solids, heavy bodied elastomeric roof coating designed for superior SPUF adhesion as well as for all common roofing substrates including Mod-Bit and Metal. Delivering **the highest solids content** of Tropical's acrylic coatings, #903 forms a seamless and flexible layer of protection for your roof. This durable coating is designed to seal and dramatically reduce the surface temperatures. #903 Sunguard Roof Coating is formulated with UV reactive chemicals for enhanced film forming characteristics and dirt pickup resistance remaining bright white after weathering with only a 1.5 point drop in reflectivity values based on ASTM D7897 accelerated testing methods. #903 Sunguard coating exhibits "best in class" thermal and IR resistance with a 0.92 emissivity rating.

PHYSICAL PROPERTIES

SUNGUARD ELASTOMERIC ROOF COATING	
Tear Resistance	>74 lbf/in @ 73° F
Permeance (Method B)	11 perms
Water Swelling	17%
Wet Adhesion to SPUF	6.0+ PLI
Solids by Volume	>55%
Solids by Weight	>69%
Elongation	>418% @ 73° F
Tensile Strength	>176 psi @ 73°F

Initial Solar Reflectivity	.82
Accelerated Aged Solar Reflectivity	0.805
Initial Emissivity	.92
Accelerated Emissivity	.91
Initial SRI Value	103
Accelerated SRI Value	100
Maximum V.O.C	<48 g/L

PREPARATION

Surface must be clean and dry, free of moisture both on and beneath the surface. Sweep roof thoroughly to remove as much dust, dirt and debris as possible. Use wire brush to remove rust and scale from metal. After careful inspection of entire roof, repair all holes, cracks, tears or breaks with #951 Eternpatch Elastomeric Roof Mastic. #951 Eternpatch Elastomeric Roof Mastic repairs can usually be coated within 24-36 hours.

APPLICATION

Apply on warm, sunny days, preferably in the morning hours to provide maximum cure time. #903 can be applied to a dry or slightly damp, but not wet, surface. Water must be swept out of all puddles prior to application of #903. Stir #903 thoroughly before application to achieve a uniform consistency. Apply with a heavy-duty paint roller or heavy-duty spray equipment. When applied with roller or brush strokes should be kept in one direction. Apply second coat perpendicular to the first. Allow at least 4 hours between coats and 24-48 hours for full cure, dependent upon weather conditions. Relative humidity will directly affect drying/curing time. Avoid over application. **DO NOT HEAT CONTAINER. DO NOT THIN.**





COVERAGE

Proper application over smooth surface will cover approximately 100 square feet per 1 gallon of coating, dependent upon roof porosity. Two coats are required, for a minimum total of 2 gallons per 100 square feet.

PRECAUTIONS

DO NOT APPLY IF TEMPERATURE IS BELOW 55° F or above 110°F. DO NOT APPLY IF THERE IS A THREAT OF RAIN OR DEW WITHIN 48-72 HOURS. Be sure the lid is tight and the pail is secured when transporting this product. Do not allow pail to tumble as this may loosen the lid and allow leakage or spillage to occur. DO NOT ALLOW PRODUCT TO FREEZE. Do not heat container or store at temperatures greater than 120° F. This coating is not recommended for areas with inadequate drainage (ponding water), over gravel, over walking decks, or old roofs that are too brittle and dry. DO NOT APPLY TO FLAT SURFACES WITH POOR DRAINAGE OR WHERE PONDING WATER WILL EXIST.

CLEANUP:

Clean tools with mineral spirits or paint thinner, if coating has dried. If coating is still wet, clean up with warm soapy water.

SHIPPING INFORMATION

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

CONTAINER SIZE	CLASS
5 Gal.	55
50 Gal.	5

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