

SUN SNOW RAIN

PROTECTS AGAINST THE ELEMENTS



TEKTOP

HIGH PERFORMANCE ROOF COATING

FEATURES & BENEFITS

- Cool, reflective roof
- Stops leaks
- Creates a seamless monolithic barrier, once applied
- Withstands the elements of nature and natural weather
- Reduces energy costs
- Eliminates removal of existing roof, thereby, reducing the amount of material going into landfills
- Increases the life of the existing roof while protecting it

50

YEAR LIMITED
WARRANTY

TEKTOP™ 100% SILICONE ROOF COATING



TekTop™ is a protective, solvent-free 100% solids silicone roof coating that provides a long-term, extremely durable barrier used to shield and repair existing roofs against leaks, ponding water and other damaging weather.

TekTop™ forms a seamless layer that prevents water from penetrating and eliminating leaks.

TekTop™ also provides a highly-reflective white coating to help keep buildings cool from the sun's harmful UV Rays. It can be applied over metal, BUR, modified bitumen, TPO, Hypalon, EPDM, aged asphalt and urethane foam.

THIS PRODUCT CAN BE:



SPRAYED



ROLLED



BRUSHED ON



TEKTOP™ 100% SILICONE ROOF COATING

TECHNICAL:

TEST	TEST METHOD	RESULTS
Color	N/A	White Gray Tan
Hardness	ASTM D2240	A 64
Tensile Strength	ASTM D2370	300 psi
Elongation	ASTM D2370	278%
Tear Resistance	ASTM D624 Die C	27.6 lbs./linear feet
Weight Solids Content	ASTM D1644	94%
Volume Solids Content	ASTM D2697	93%
Flash Point	ASTM D56	>247°F
VOC	EPA Method 24	< 10 g/L
Water Vapor Permeance	ASTM E96	7.2 US Perms
Flammability	ASTM E108	Class A
Reflectance	ASTM E903	86%
Emittance	ASTM A903	88%

COVERAGE:

Recommended coverage is one coat at 70 sq./ft. per gallon. If applying two coats, apply each coat at 140 sq./ft. per gallon.

SURFACE PREPARATION:

All surfaces must be clean, dry and sound. Remove any dust, dirt, rust, mildew, loose material or debris by power washing with a wide-spray tip. With detergent and water, wash and thoroughly scrub heavily-soiled areas and places where ponding water is prevalent. Be sure to thoroughly rinse off all detergent with fresh water.

REPAIR

Inspect all areas to be coated. Repair holes, cracks, splits or tears using a TekTop™ patching product such as Polyester Fabric or Self-Adhesive Seam Tape. Note: If using Polyester Fabric and TekTop™ Coating as a patching material, be sure all patching is tack-free before applying two heavy coats.

PRIMER

TekTop will adhere to most surfaces without a primer; however, some substrates may require a primer for optimal adhesion. Adhesion should be tested before application.

APPLICATION DATA:

Thoroughly read SDS and complete installation instructions prior to use.

APPLICATION TEMPERATURE RANGE

Surface and air temperatures must be between 40°F and 105°F (4.5°C – 40.5°C). Do not apply if it is raining or rain is in the near forecast. Do not apply if temperature is within 5° of dew point.

APPLICATION EQUIPMENT

Airless Spray: Refer to TekTop Spray Guide

Brush and Roll: 3/4" - 1 1/4" nap roller may be used. May require multiple coats to achieve proper coverage.

CLEAN

All surfaces must be clean, dry and sound. Remove any dust, dirt, rust, mildew, loose material or debris by power washing with a wide-spray tip. With detergent and water, wash and thoroughly scrub heavily-soiled areas and places where ponding water is prevalent. Be sure to thoroughly rinse off all detergent with fresh water.

MIXING

Be sure material is thoroughly mixed using a drill and mixing paddle before using.

APPLICATION

One coat of TekTop™ 100% Silicone is required. Apply TekTop™ in a uniform thickness at a rate of 70 square-feet-per-gallon using a sprayer and/or solvent-resistant 3/4" to 1" nap roller. Allow coating to dry before walking on it or applying a second coat of TekTop™, if desired. Keep container tightly closed between applications to minimize surface skinning in the container.

RECOATING

Allow between 3 to 12 hours between coats to dry before recoating. Each coat should be applied at 140 sq./ft per gallon.

CLEAN UP:

Clean all equipment and supplies using mineral spirits, xylene or xylol. DO NOT USE WATER! Be sure to follow all specified safety guidelines in suppliers SDS.

PACKAGING:

5 gallon pail
55 gallon drum
275 gallon tote

STORAGE:

Keep from freezing. Store indoors in a dry place with humidity below 75% and ambient temperatures between 55°F to 85°F (13°C to 29°C).

SAFETY:

Refer to SDS sheet before use. Safety precautions must be strictly followed during storage, handling and use.

WARRANTY:

Simiron warrants that the TekTop™ roof coating will last for fifty years on the surface it is applied to, subject to strict adherence to Simiron application instructions, and subject to Simiron recommended maintenance procedures. This warranty is limited to TekTop™ coating only. If TekTop™ coating does not meet the warranted standard, Simiron will replace TekTop™ roof coating at no cost to purchaser. Proof purchase required with original receipt. **WARRANTY SPECIFICALLY EXCLUDES ALL LABOR AND INCIDENTAL OR CONSEQUENTIAL DAMAGES OF ANY KIND.** The TekTop™ Limited Fifty Year Warranty excludes abuse of installed roof coating in any way, including, but not limited to: [pedestrian traffic, physical abuse, substrate failure, animal life, vandalism and all natural disasters. The substrate TekTop™ is applied to must be structurally sound and have a reasonable life expectancy prior to being recoated with TekTop™. This warranty is void if TekTop™ roof coating is pained, patched or covered over in any way with any product other than TekTop™. This limited warranty is not transferable to successive property owners. Simiron has no control over the variable involved during the application of TekTop™. Therefore, Simiron cannot guarantee results of the application. This includes, but is not limited to: appearance, watertight capabilities and suitability of substrate. Simiron offers no other express or implied warranties.

Corporate Office

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All information provided by Simiron, Inc. concerning Simiron products, including but not limited to, any recommendations and advice relating to the application and use of Simiron products, is given in good faith based on Simiron's current experience and knowledge of its products when properly stored, handled and applied under normal conditions in accordance with Simiron's instructions. In practice, the differences in materials, substrates, storage and handling conditions, actual site conditions and other factors outside of Simiron's control are such that Simiron assumes no liability for the provision of such information, advice, recommendations or instructions related to its products. The use of Simiron product(s) must test the product(s) for suitability for the intended application and purpose before proceeding with the full application of the product(s).

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