

TECHNICAL DATASHEET



SAAVYSIL ROOF SEALER

DESCRIPTION

Saavysil™ 100% Silicone Roof Coating is a high-performance, waterproofing solution designed for residential and commercial roof restoration. It forms a seamless, flexible barrier that withstands ponding water, sun, rain, and extreme weather conditions. This high-solids, solvent-free coating does not release harmful volatiles into the environment.

KEY BENEFITS

- **Complete Waterproof Protection**
- **Permanent Flexible**
- **High UV Reflective**
- **Rain Ready in 1 Hour**
- **Single-Coat Application**
- **Mold & Mildew Resistant**
- **High Solids Formula – No Harsh Solvents**
- **Application by Roller, Spray, or Brush**
- **Suitable for All-Season Application**
- **Excellent Adhesion to Most Roofing Substrates**

APPLICATIONS

- **Concrete Roofs**
- **Metal Roofs**
- **Built-Up Roofing (BUR)**
- **Modified Bitumen (MB)**
- **Single-Ply Roofs (EPDM, TPO, PVC)**
- **Spray Polyurethane Foam (SPF)**
- **RVs, Mobile Homes, and Pre-coated Surfaces (acrylic, foam, PU, etc.)**
- **Adhesion verified on: Nylon, Aluminum, Hard PVC, Glass, Fiberglass, Aged Coatings, Copper, ABS**

COVERAGE

- **Up to 100 sq. ft. per gallon at 16 mils DFT**
- **Coverage may vary with substrate texture and porosity**

TYPICAL PHYSICAL PROPERTIES

PROPERTY	VALUE	TEST METHOD
Appearance	Glossy White	Visual
Specific Gravity	1.30	ASTM D1475
Tensile Strength	>200 psi	ASTM D412
Elongation	>200%	ASTM D412
Tear Resistance	30 lbf/in	ASTM D624
Shore A Hardness	35	ASTM D2240
Tack-free Time	90 minutes	ASTM C679
Cure Time	1 – 4 hours	Ambient Conditions
Viscosity	~10,000 cP	ASTM D2196
Accelerated Weathering	5000 hrs (No Degradation)	ASTM G154
VOC Content	<50 g/L	ASTM D3960
Temperature Stability	-51°C to 204°C (-60°F to 400°F)	Performance Range

SURFACE PREPARATION

- Ensure the surface is clean and free of dust, rust, oil, grease, oxidation, and other contaminants.
- Use detergent, degreaser and pressure wash to clean the surface
- Use a wire brush on metal surfaces to remove Rust/oxidation.
- Rinse and sweep away debris thoroughly.
- Surface must be completely dry before application.
- Remove any loose or peeling previous coatings.

APPLICATION INSTRUCTIONS

- Stir thoroughly before use. Do not thin or dilute.
- Apply using a medium nap roller (3/4" to 1"), brush, or airless sprayer.
- Use as soon as possible after opening; reseal tightly when not in use.
- If a thin skin forms during use due to air exposure, remove and continue application.
- No primer is required on most surfaces including metal, concrete, fiberglass, aged coatings, EPDM, and TPO.

POST-APPLICATION & CURING

- Dries to touch in approximately 1 hour depending on temperature and humidity.
- Recoat can be done between 8 and 48 hours after first coat.
- Allow 7 days for full curing and optimal performance.
- Designed to remain flexible, self-leveling, and UV-resistant even in extreme temperatures from -60°C to 204°C.

STORAGE & SHELF LIFE

- Store between 10°C and 32°C (50°F to 90°F)
- Avoid direct sunlight and moisture
- Shelf life: 12 months in unopened container

CLEANING

- Use Mineral Spirit or solvent. Do not use water.

LIMITATIONS

- Not recommended for pedestrian or heavy traffic areas
- Do not apply to wet, oily, dusty, mildewed, chalked, or structurally unsound surfaces
- Avoid use on materials that may wick oil or solvents unless proper prep or primer is applied
- Ensure adhesion suitability before large scale application.

SAFETY PRECAUTIONS & FIRST AID

- KEEP OUT OF REACH OF CHILDREN.
- For exterior use only. Avoid contact with skin and eyes.
- If contact occurs, flush with water for 15 minutes.
- If ingested, do not induce vomiting—seek medical attention immediately.
- Use gloves and safety glasses during application.
- May become slippery when wet.
- Refer to the Safety Data Sheet (SDS) at www.saavysil.com/safety.

CALIFORNIA PROPOSITION 65 WARNING

- This product may expose you to chemicals including titanium dioxide, which is known to the State of California to cause cancer.
- For more information, visit www.P65Warnings.ca.gov.

FOR TECHNICAL ASSISTANCE, CONTACT

SAAVYSIL COATINGS TECHNICAL SERVICES

- **Email:** info@saavysil.com
- **Website:** www.saavysil.com



PRESERVING THE EARTH, ONE SURFACE AT A TIME!