

ALDOSIL 397 High-Solids Silicone Roof Coating



TECHNICAL DATA:

Solids by Weight	94%	ASTM D1644
Solids by Volume	92%	ASTM D2697
Weight (lb/gal)	11.8 lbs	ASTM D1475
Elongation	164%	ASTM D2370
Tensile Strength	336 psi	ASTM D 2370
VOC Content	< 50 g/L	
Solar Reflectance (Initial)	0.82	(White Only)
Thermal Emittance (Initial)	0.91	(White Only)
SRI Value (Initial)	103	(White Only)
Shelf Life	24-months	
Standard Color(s)	White, Tan, Gray, Black	

All tests were performed by independent laboratories on randomly collected samples. Results may vary by $\pm 10\%$. This data supersedes all previously published information.

DESCRIPTION:

AldoSil 397 is a high-solids, moisture-curing silicone roof coating formulated to provide long-lasting protection for a wide range of roofing substrates. It offers excellent resistance to severe weather conditions, UV radiation, and standing water. It serves as an effective solution for extending the service life of many roof systems. Can be applied in a single coat over 40 wet mils thick without blistering, while maintaining adhesion, making it an ideal choice for extending roof life with fewer application steps.

APPROVED SUBSTRATES:

- Metal
- Aged EPDM
- Aged TPO
- Aged PVC
- Smooth BUR (asphalt)
- Smooth & Granulated Modified Bitumen
- Concrete
- New Spray Polyurethane Foam

INSTALLATION INSTRUCTIONS:

SURFACE PREPARATION: The surface must be free of any oils, moisture, rust scale, soil or other contaminants that may interfere with good adhesion. All previous repair material must be removed from seams or other surfaces. To prevent staining from asphalt-based roofing substrates, use AldoBlock 708 as a primer barrier. Rust should be converted with RRC-600 or primed with Aldocoat 710. TPO substrates should be primed with Inland TPO Primer.

APPLICATION INSTRUCTIONS: Mix thoroughly before application. Avoid entraining air while mixing. Apply only when ambient temperatures are 50°F and rising, and substrate temperatures do not exceed greater than 130°F. For optimal spray application, the product temperature should be above 60°F. Lower temperatures can be utilized for brush/rolling applications. The typical minimum application requires one coat at 24 wet mils. Application rates may vary depending on the substrate and the warranty term.

PACKAGING:

1-Gal Plastic Pail (Case of 4)	51 lbs	30 Cases Per Pallet
5-Gal Plastic Pail	61 lbs	36 Per Pallet
50-Gal Metal Drum	635 lbs	4 Per Pallet

PRECAUTIONS:

- Cure times will be faster in humid climates and slower in dry climates.
- Open containers will skin over if not applied quickly enough. If this happens, remove the skin and continue with application.
- For steep slope applications, the coverage rate may need to be reduced, and multiple coats may be required.
- For cooler weather applications, products must be stored at room temperature prior to installation.
- When spraying, do not use hoses that have been previously used for acrylics.
- Product may discolor if applied without a bleed-blocking primer.

HANDLING & STORAGE PROCEDURES:

Shelf life is 24-months if stored in original unopened containers. Store between 45°F and 95°F. Do not heat with an open flame. All containers must be sealed when not in use. Wear protective gloves, protective clothing, eye protection, and face protection. If exposed or concerned: Get medical advice or attention. Clean equipment and any overspray with virgin mineral spirits. Do not thin or self-tint.



LIMITED WARRANTY:

Inland Coatings, Inc. (Inland) warrants that this product conforms to the published product specifications as of the date of manufacture. Inland does not make, nor does it authorize anyone to make, any warranty of merchantability or fitness for any purpose, or any other warranty, guarantee, or representation. INLAND HEREBY DISCLAIMS ANY AND ALL EXPRESS, IMPLIED, OR STATUTORY WARRANTIES. The sole obligation of the manufacturer, distributor, and/or seller of this product shall be the replacement of product proven to be defective in manufacturing if written notice is received within one year of the date of purchase. There shall be no liability for injury, loss, or damages, either direct or consequential, arising out of the use or inability to use this product. Failure to notify the manufacturer prior to remedy or resolution voids the warranty and the manufacturer's liability.