

ALDOCOAT 400S Premium Acrylic Roof Coating



TECHNICAL DATA:

Solids by Weight	68%	
Solids by Volume	53%	
Weight (lbs/gal)	12 lbs	
Elongation	250%	ASTM D2370
Tensile Strength	275 psi	ASTM D2370
VOC Content	< 50 g/L	
Thermal Emittance (Initial)	0.9	(White Only)
Solar Reflectance (Initial)	0.87	(White Only)
SRI Value (Initial)	110	(White Only)
Shelf Life	18-months	
Standard Color(s)	White, Tan, Gray, Custom	

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

PACKAGING:

5-Gal Plastic Pail	66 lbs	36 Per Pallet
55-Gal Plastic Drum	707 lbs	4 Per Pallet
250-Gal Plastic Tote	3,128 lbs	1 Per Pallet

PRECAUTIONS:

- Acrylic-based products are water-based cure by evaporation. Cure time will vary based on application rate, temperature, humidity and other environmental factors.
- 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.
- When spraying, do not use hoses that have been previously used for silicone.
- Product may discolor if applied without a bleed-blocking primer.
- Do not use on roof areas subject to ponding water.
- Do not apply if rain, dew, freezing temperatures, or other inclement weather are expected within 24 hours of application.
- All rusted metal surfaces must be treated with a rust-inhibitive primer prior to coating.

HANDLING & STORAGE PROCEDURES:

Shelf life is 18-months if stored in original unopened containers. Store between 45°F and 95°F. Do not allow product to freeze. 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 warm water and soap. Do not use mineral spirits, xylene, toluene or VM&P naphtha for cleaning. Do not thin or self-tint.

DESCRIPTION:

AldoCoat 400S is a high quality water-based elastomeric coating, offered in white or tinted options, that provides long-lasting protection across a variety of roofing surfaces. It helps maintain a cooler roof temperature and enhances the durability of both new and existing roofing systems by protecting against UV degradation and harsh weather conditions.

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.

APPLICATION INSTRUCTIONS: Mix thoroughly before application until the product is uniform in consistency. 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 two coats at 24 wet mils. Application rates may vary depending on the substrate and the warranty term.



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.