

ALDOCOAT 374 Acrylic Base Coat



DESCRIPTION:

AldoCoat 374 is an economical, water-based acrylic coating designed to provide reliable protection and uniform coverage for a variety of roofing substrates. This base coat offers good adhesion, flexibility, and weather resistance, making it an ideal foundation layer within a multi-coat roof restoration system.

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 one coat at 24 wet mils, followed by a top coat. Application rates may vary depending on the substrate and the warranty term.

TECHNICAL DATA:

Solids by Weight	55%	
Solids by Volume	50%	
Weight (lb/gal)	10.1 lbs	
Elongation	200%	ASTM D2370
Tensile Strength	225 psi	ASTM D2370
VOC Content	< 50 g/L	
Solar Reflectance (Initial)	0.90	
Thermal Emittance (Initial)	0.90	
SRI Value (Initial)	115	
Shelf Life	18-months	
Standard Color(s)	Gray	

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

PACKAGING:

5-Gal Plastic Pail	56 lbs	36 Per Pallet
55-Gal Metal Drum	591 lbs	4 Per Pallet
250-Gal Plastic Tote	2,603 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.

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.