

ALDOTHANE 386 Aliphatic Polyurethane Roof Coating



TECHNICAL DATA:

Solids by Weight	83%	
Solids by Volume	88%	
Weight (lbs/gal)	11.2 lbs	
Elongation	325%	ASTM D2370
Tensile Strength	1500 psi	ASTM D2370
VOC Content	< 240 g/L	
Solar Reflectance (Initial)	81%	(White Only)
Thermal Emittance (Initial)	88%	(White Only)
SRI Value (Initial)	101	(White Only)
Shelf Life	1-Year	
Standard Color(s)	White, Gray	

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 Metal Pail	60 lbs	36 Per Pallet
55-Gal Metal Drum	651 lbs	4 Per Pallet

PRECAUTIONS:

- Polyurethane cures by reacting with moisture in the air. Low humidity and low temperatures may significantly slow cure times, while higher humidity and warmer temperatures may accelerate curing.
- Do not apply over existing silicone coatings.
- Do not apply over wet or damp surfaces.
- Do not apply if rain, dew, freezing temperatures, or other inclement weather are expected within 8 hours of application, as these conditions may interfere with proper curing.
- Product may discolor if applied without a bleed-blocking primer.
- For cold weather application, product must be stored at room temperature prior to installation.
- All rusted metal surfaces must be treated with a rust-inhibitive primer prior to coating.

HANDLING & STORAGE PROCEDURES:

Shelf life is 1-year if stored in original unopened containers. Store between 45°F and 95°F. Improper storage conditions or opening of the container will significantly reduce shelf life. 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 virgin xylene. Do not thin or self-tint.

DESCRIPTION:

AldoThane 386 is a single-component, moisture-cure aliphatic polyurethane roof coating. Can be used as a top coat over basecoat or topcoated over the AldoThane 384 basecoat, it forms a system with outstanding durability and resistance to harsh weather and UV radiation. Can be applied in a single coat over 32 wet mils thick without blistering, while maintaining adhesion, making it an ideal choice for extending roof life with fewer application steps.

APPROVED SUBSTRATES:

- Metal (most)
- 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.

APPLICATION INSTRUCTIONS: Mix thoroughly before application until the product is uniform in consistency. Avoid entraining air when 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 32 wet mils or two coats at 20 wet mils each. Application rates may vary depending on the substrate and the warranty term.



WHITE ONLY



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.