

# ALDOTHANE 385 Polyurethane Mastic



## DESCRIPTION:

AldoThane 385 is a single-component polyurethane mastic designed as a versatile sealer for roof penetrations, curbs, seams, and other potential points of water intrusion on a roof. It is tough and extremely flexible, allowing it to adapt to temperature related expansion and contraction of the roof substrate.

## 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.

**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. The repair mastic should be trowel or brush applied in a continuous, void-free application extending a minimum of 2" beyond the condition, at a minimum thickness of 1/16", and may be applied up to 1/8" thick in a single pass. For best results, embed polyester reinforcing fabric in a three-course application.

## TECHNICAL DATA:

|                   |               |            |
|-------------------|---------------|------------|
| Solids by Weight  | 79%           |            |
| Weight (lbs/gal)  | 9.2 lbs       |            |
| Elongation        | 260%          | ASTM D2370 |
| Tensile Strength  | 705 psi       | ASTM D412  |
| VOC Content       | < 234 g/L     |            |
| Shelf Life        | 6-Months      |            |
| Standard Color(s) | Aluminum-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:

|                              |         |                     |
|------------------------------|---------|---------------------|
| 1-Gal Metal Pail (Case of 4) | 41 lbs  | 27 Cases Per Pallet |
| 5-Gal Metal Pail             | 50 lbs  | 36 Per Pallet       |
| 55-Gal Metal Drum            | 541 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.
- Apply successive and/or topcoats within 48 hours of the base coat to ensure proper adhesion.
- For cold weather application, product must be stored at room temperature prior to installation.

## HANDLING & STORAGE PROCEDURES:

Shelf life is 6-months 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.

**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.