



Technical Product Data

AM 400 Series

High Quality Acrylic Roof Mastic

BASIC USES & DESCRIPTION

AM 400 is a thick high-quality water-based acrylic mastic available in white or as tinted. It is designed to seal abnormal roof penetrations that cannot be covered with standard sprayers or rollers.

The system is suitable for use on various conventional smooth and granulated BUR and polymer modified roof membranes with smooth mineral surfacing, most metal roof systems, single ply membranes (primers or special precautions may be required), concrete, cementitious stucco, EIFS, other masonry substrates, exterior-grade plywood, rigid coverboards such as Dens-Deck® and Securock® and SPUF. A substrate adhesion test is recommended prior to product application

- White AC 401
- Light Gray AC 403

COMPOSITION AND MATERIALS

AM 400 Series Acrylic Roof Mastic is a one-part, ready-to-use material that can be applied easily to a dry, frost-free surface, and cures at normal temperature in 1 to 4 hours by reacting with the heat from the sun. For applications with lower-than-normal temperature expect the cure time to be longer.

STORAGE AND SHELF LIFE

AM 400 Series has a recommended shelf life of 12 months from date of manufacture when stored in unopened containers and between 40°f and 100°f to prevent the product from freezing. Refer to product packaging.

APPLICATION

Apply the AM-400 series at the rate of 1.5 gallons per 100 sq. ft. (24 wet mils). Surface texture and wind will affect applied mil thickness. (One gallon will typically encapsulate between 300 and 350 fasteners)

PACKAGING SIZES

AM 400 Series Acrylic Roof Mastic is available in 2-gallon containers.

MAINTENANCE

The life of the roof may be extended by regularly scheduled maintenance. A roof should typically be inspected at least twice a year. The roof immediately needs to be inspected following severe weather and extraordinary maintenance on roof-mounted equipment.

Contact Progressive Materials for more detailed specifications on our roofing systems and to find a certified contractor near you.

Revision Date: May 23, 2024



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CLEAN UP

Clean hands with waterless hand cleaner. Application tools and equipment can be cleaned with lukewarm water and soap, followed by a rinse of isopropanol, acetone, or Simple Green®. Recirculate the rinse through lines and gun until residual coating is removed. DO NOT USE MINERAL SPIRITS, XYLENE, TOLUENE, OR VMP & NAPTHA SOLVENTS.

TYPICAL PROPERTIES

TEST PROPERTY	TEST VALUE
Viscosity (Brookfield)	800,000-1,000,000
Solids Volume (ASTM D 2697)	53±2
Solids Weight (ASTM D1644)	68±2
Elongation% (ASTM D412)	350±25
Tensile Strength (ASTM D412)	400±50 psi
Solar Reflectance (ASTM C1549)	0.84
VOC	<50g/L
Density (ASTM D1475)	12.15±0.20
Fungi Resistance (ASTM G21)	Pass
Accelerated Weathering (ASTM 4798)	Pass
Adhesion (ASTM D903)	Pass
Low Temp. Flexibility (ASTM D522)	Pass

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