



Technical Product Data

AC 1200 Series

Acrylic Roof Coating

BASIC USES & DESCRIPTION

AC 1200 is a high-quality water-based acrylic coating available in white or as tinted, which cures to form a seamless membrane when applied over the entire roof area. In addition to keeping the surface cool, AC 1200 extends the life cycle of new and existing roof systems, providing protection from ultraviolet sun and other weather exposures.

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 1201
- Reflective Tan AC 1202
- Light Gray AC 1203
- Dark Gray AC 1204
- Santa Fe Tan AC 1213

COMPOSITION AND MATERIALS

AC 1200 Series Acrylic Roof Coating 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

AC 1200 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

- Care should be taken to ensure roof has positive drainage. Product not intended for use in areas where standing/ponding water occurs.
- Yield (1 gal to 100 sq ft): 8.5 dry mils
- Dry Time (70°F) 90 min @ 50% Humidity
- Re-coat Window > 6 Hours
- Apply the AC-1200 series at the rate of 1.5 gallons per 100 sq. ft. (24 wet mils). Surface texture and wind will affect applied mil thickness.

SPRAY EQUIPMENT

Airless Spray Equipment capable of 2000 – 3000 psi.

PACKAGING SIZES

AC 1200 Series Acrylic Roof Coating is available in 50 gallon and 5-gallon containers.

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

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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.

CLEAN UP

Clean equipment and overspray with water. 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 & NAPHTHA SOLVENTS.

TYPICAL PROPERTIES

TEST PROPERTY	TEST VALUE
Viscosity (KU)	100-115
Solids Volume (ASTM D 2697)	53±2
Solids Weight (ASTM D1644)	67±2
Elongation% (ASTM D2370)	388±25
Tensile Strength (ASTM D2370)	288±50 psi
Tear Strength (ASTM D624)	87 lbf/in
Permeance (ASTM D1653)	24±2 perms
Water Swell (ASTM D471)	8.9±2
VOC	<50g/L
Density (ASTM D1475)	11.95±0.20
Fungi Resistance (ASTM G21)	Pass
Accelerated Weathering (ASTM 4798)	Pass
Adhesion (ASTM D903)	Pass
Low Temp. Flexibility (ASTM D522)	Pass

LIMITED WARRANTY INFORMATION - PLEASE READ CAREFULLY

Progressive Materials offers a 10-year Labor and Material Warranty. For warranty details contact your Progressive Materials Roofing Specialist.



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