



PO Box 6256
Mobile AL, 36660
1-800-771-6643

PRODUCT DATA SHEET

Acrylic 211



DESCRIPTION

AWS Acrylic 211 is an advanced acrylic elastomeric coating that combines high solids emulsion polymers, and potent biocides to provide superior durability, reflectivity, weatherproofing, and mildew resistance. Acrylic 211 is unique among elastomerics in that its elongation and tensile strength both increase at lower temperatures.

ADVANTAGES

- Reduces daily expansion and contraction (thermal cycling) of roofing substrates.
- Reflects 80-90% of the heat and harmful UV rays of the sun.
- Excellent reflective properties which helps to reduce cooling costs. Prevents premature degradation.
- Contains a strong mildewcide / fungicide.
- Excellent adhesion to various substrates.
- Superior resistance to dirt pick-up, helps stay white longer and maintains reflectivity.
- Easy to use, easy clean up, non-toxic and VOC compliant water based coating.

BASIC USES

Acrylic 211 is a 100% acrylic elastomeric coating for all types of roofs including metal, modified bitumen, built up roofing, single ply, and polyurethane foam. It contains strong algaecides which makes it ideal for application over most types of roofs.

INSTALLATION

All surfaces to be coated must be cleaned properly. Power washing is recommended. Any existing coating must be checked for good adhesion. Before application, any loosely adhered coating must be removed and bare surfaces must be prepared, cleaned and checked for compatibility.

Acrylic 211 is ready to use. Thinning is not required or recommended.

- Spray: Airless sprayer. 3000 p.s.i., 2 g.p.m. capacity with a #027-#031 tip.
- Brush: Good quality synthetic bristle brush.
- Roller: Long nap roller.

IMPORTANT: AWS Acrylic 211 is designed for POSITIVE drainage. Areas that pond water need corrective measures to eliminate the ponds.

WARRANTY

American WeatherStar warrants that the material supplied will meet or exceed physical properties as published. The contractor guarantees that workmanship will be free of defects in coating application. Since performance of previously installed substrate is beyond the control of American WeatherStar or the contractor, requests for additional warranty coverage shall be subject to prior approval by American WeatherStar.



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MAINTENANCE

Periodic maintenance of all American WeatherStar products, including cleaning, will ensure extended service life and maintain reflectivity.

TECHNICAL DATA

Color:	White; standard and custom colors available.
Viscosity:	4500 ± 500 CPS
Weight:	12.00 ± .1 per gallon
PH:	> 8
Percent solids by Volume:	58% ± 1% (ASTM D-2697)
Percent Solids by Weight:	66% ± 1% (ASTM D-1644)
Flash Point:	NA
Hardness, Shore A:	55-65 (ASTM D-2240)
Tensile Strength at Max Stress:	225 p.s.i. (ASTM D-2370)
% Elongation at Break:	225% (ASTM D-2370)
Permeability:	5.7 perms/inch. 20 mils thick coating (ASTM D-1653)
Coverage:	2.5 gallons per 100 sq.ft. yields 20 dry mils 3.5 gallons per 100 sq.ft. yields 30 dry mils
Recommended Coverage:	Depends on substrate: See application specifications for each surface.
Min. Surface Application Temp.:	45°F. Do not allow to freeze.
Recoat Time:	12 to 24 hours
Packaging:	5 gallon buckets, 55 gallon drums
Energy Star Solar Reflectance:	Initial Solar Reflectance = .85 Solar Reflectance After 3 years = .57 Emissivity = .92 SRI = 107
ASTM D-6083 Conformance:	This specification was developed to establish a threshold level of quality for acrylic roof coatings. It includes detailed procedures for conducting 13 separate test methods in order to ensure consistency of the values obtained. Acrylic 211 has been independently tested and certified to exceed ASTM D-6083 standards.



Code Approvals: Acrylic 211 is UL classified as a Class "A" Fluid Applied Coating System, and as a Class A, B or C Maintenance & Repair System as outlined in the UL Roofing Materials & Systems Directory and UL website.