



PO Box 6256
Mobile AL, 36606
1-800-771-6643

PRODUCT DATA SHEET

Ceramic Acrylic 212

DESCRIPTION

AWS Ceramic Acrylic 212 is an advanced acrylic elastomeric coating that combines high solids emulsion polymers, and potent biocides to provide superior durability, reflectivity, weatherproofing, and mildew resistance. Ceramic Acrylic 212 contains ceramic microspheres which offer superior radiant barrier protection.

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

Ceramic Acrylic 212 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.

Ceramic Acrylic 212 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 Ceramic Acrylic 212 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, Gray or as specified.
Viscosity:	13,000-17,000 cps Brookfield
Weight:	12.00 ± .1 lbs. per gallon
Percent Solids by Volume:	46 ±3%
Percent Solids by Weight:	55%±3%
Flash Point:	NA
Hardness:	45 Shore A - ASTM D-2240
Tensile Strength:	400 psi - ASTM D-412
Elongation:	215% - ASTM D412
Recovery:	100% - ASTM D412
Impact Resistance:	Exceeds 160b in/lb. - ASTM D-2294
Permeability:	3.4 perms - ASTM E-96
Coverage:	2.5 gallons per 100 sq.ft. yields 20 dry mils 3.5 gallons per 100 sq.ft. yields 30 dry mils
Algae Resistance:	No Growth Supported - ASTM G29-96
Fungi Resistance:	No Growth Supported - ASTM G29-96
Salt Spray:	No Effect (3000 hours) - ASTM B-1 17
Weatherability:	No Effect (3800 hours) - ASTM G-26
Service Temperature:	-40° TO 200° F
Cure Times:	Dry To Touch: 4 Hours @ 75° F Tack Free: 12 Hours Recoat: 12 - 24 Hours
Recommended Coverage:	Depends on substrate: See application specifications for each surface.
Packaging:	5 gallon buckets, 55 gallon drums