



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

## PRODUCT DATA SHEET

### Acrylic 211 HT



#### DESCRIPTION

AWS Acrylic 211 HT is a technologically advanced, high-solids, acrylic elastomeric uniquely formulated with high tensile strength and elongation properties. It is our best acrylic coating for color retention on custom tint projects. Acrylic 211 HT provides an excellent protective membrane that remains flexible even under adverse conditions. Acrylic 211 HT's elongation and tensile strength provide unsurpassed resistance to maintenance traffic, weather conditions, and wear.

#### 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 HT was specifically developed as a protective coating for sprayed polyurethane foam, metal, modified bitumen, smooth BUR, and most single ply roofs. The thixotropic nature of Acrylic 211 HT permits uniform high build coverage, even on rough, textured or vertical surfaces, without pinholing or sagging. Ponding water conditions should be avoided, if possible, as with any type of roofing material. However Acrylic 211 HT can be used in limited areas with pond water where a primer is used in conjunction with the coating.

#### 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 HT 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 HT is designed for POSITIVE drainage. Areas that pond water need corrective measures to eliminate the ponds.*



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### 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.

### MAINTENANCE

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

### TECHNICAL DATA

<b>Color:</b>	White; standard and custom colors available.
<b>Viscosity:</b>	4500 ± CPS
<b>Weight:</b>	11.2 ± .2 lbs. per gallon
<b>Percent solids by Volume:</b>	55% ± 2%
<b>Percent Solids by Weight:</b>	65% ± 2%
<b>Flash Point:</b>	NA
<b>Hardness, Shore A:</b>	45
<b>Tensile Strength at Max Stress:</b>	328 p.s.i.
<b>% Elongation at Break:</b>	485%
<b>Permeability:</b>	7.1 @ .20 mils thick coating
<b>Recommended Coverage:</b>	Depends on substrate: See application specifications for each surface.
<b>Recoat Time:</b>	12 – 24 hours
<b>Packaging:</b>	5 gallon buckets, 55 gallon drums
<b>Energy Star Solar Reflectance:</b>	Initial Solar Reflectance = .82 Solar Reflectance After 3 years = .81 Emissivity = .90