



ACRYLIC 211

DESCRIPTION:

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

BENEFITS:

- 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 help reduce internal building cooling costs
- Helps prevent premature degradation
- Contains a strong mildewcide/fungicide
- Excellent adhesion to various substrates
- Superior resistance to dirt pick-up and stays white longer to maintain reflectivity
- Easy to use and clean
- Non-toxic
- 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 coatings 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 nor recommended.

- **Spray:** Airless sprayer. 3000 psi, 2 gpm capacity with a #027-#031 tip
- **Brush:** High-quality synthetic bristle brush
- **Roller:** Long nap roller

IMPORTANT: Acrylic 211 is designed for POSITIVE drainage. Areas of ponding water need corrective measures before installation.

MAINTENANCE:

Periodic maintenance of all American WeatherStar systems and products, including cleaning, is recommended to ensure extended service life and help to improve product performance.

TECHNICAL DATA:

COLOR:	White, gray, tan
PACKAGING:	5 gallon, 55 gallon
WEIGHT:	12.1 lbs per gallon ± 0.2
SOLIDS BY WEIGHT:	65.4 + 2%
SOLIDS BY VOLUME:	55 ± 2%
VISCOSITY:	4500 ± 500 cps
FLASH POINT:	None
HARDNESS:	50-55 Shore A ASTM D-2240
TENSILE STRENGTH:	273 ± 20 psi ASTM D2370
ELONGATION:	233 ± 20%
IMPACT RESISTANCE:	Exceeds 160b in/lb. ASTM D-2294
PERMEANCE:	14 ± 3
SALT SPRAY:	No effect (3800 hrs) ASTM G-117
SERVICE TEMPERATURE:	-40° TO 200° F
MIAMI-DADE APPROVED:	NOA #14-0115.04
ENERGY STAR SOLAR REFLECTANCE:	Initial solar reflectance = .87 Solar reflectance after 3 yrs = .78 Emissivity = .89
VOC:	<50g/Liter
SHELF-LIFE:	12 months
CLEAN UP:	Water

SAFETY INFORMATION:

Read the Safety Data Sheet (SDS) and container labels for detailed health and safety information. This product is intended for industrial use by properly trained professional applicators only.

AMERICAN WEATHERSTAR LLC

3100 Lees Lane | Mobile, AL 36693 | USA
www.americanweatherstar.com | info@americanweatherstar.com
 Toll Free: 800-771-6643 | Fax: 251-479-3602

