



# HIGH TENSILE ACRYLIC 211

**DESCRIPTION:**

High Tensile Acrylic 211 is a technologically advanced, high-solids, acrylic elastomeric uniquely formulated with high tensile strength and elongation properties. Known for its superior color retention, High Tensile Acrylic 211 is best used for custom tint projects, and provides an excellent protective membrane that remains flexible even under adverse conditions such as maintenance traffic, extreme weather conditions, and everyday wear.

**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 reflectivity helps 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—stays white longer and to maintain reflectivity
- Easy to use and clean
- Non-toxic, VOC compliant, water-based coating

**BASIC USES:**

High Tensile Acrylic 211 is specifically designed as a protective coating for sprayed polyurethane foam, metal, modified bitumen, smooth BUR, and most single-ply roofs. The thixotropic nature of High Tensile Acrylic 211 permits uniform, high-build coverage on rough, textured or vertical surfaces without pin-holing or sagging.

**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. High Tensile Acrylic 211 is ready to use. Thinning is not required or 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:** High Tensile Acrylic 211 is designed for POSITIVE drainage. Areas of ponding water need corrective measures before installation.

**TECHNICAL DATA:**

COLOR:	White, gray, tan, custom colors
PACKAGING:	5 gallon, 55 gallon
WEIGHT:	11.2 lbs per gallon ± 0.2
SOLIDS BY WEIGHT:	66 + 2%
SOLIDS BY VOLUME:	55 ± 2%
VISCOSITY:	4500 ± 500 cps
FLASH POINT:	None
HARDNESS:	50-55 Shore A ASTM D-2240
TENSILE STRENGTH:	500 ± 50 psi ASTM D2370
ELONGATION:	600 ± 50%
PERMEABILITY	7.1 @ 20 mils thick
SERVICE TEMPERATURE:	-40° TO 200° F
ENERGY STAR SOLAR REFLECTANCE:	Initial solar reflectance = .82 Solar reflectance after 3 yrs = .81 Emissivity = .90
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**

8095 Padgett Switch Rd. | Irvington, AL 36544 | USA  
[www.americanweatherstar.com](http://www.americanweatherstar.com) | [info@americanweatherstar.com](mailto:info@americanweatherstar.com)  
 Toll Free: 800-771-6643 | Fax: 251-479-3602

