



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.

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

APPLICATION TEMPERATURES

- Min Ambient: 50°F (10°C)
- Max Ambient: 110°F (43.3°C)
- Min Surface: 50°F (10°C)
- Max Surface: 130°F (54.4°C)

Minimum temperatures must be rising following applications. Contact technical services for more information.

Do not apply when:

- Dew point is within 5°F (2.77°C) of ambient temperatures
- Precipitation, fog, or dew is imminent prior to cure of the product
- Freezing temperatures are expected prior to cure of the product

TECHNICAL DATA

SOLIDS BY VOLUME:	55 + 2 %
ELONGATION:	600 ± 50%
TENSILE STRENGTH:	500 ± 50 psi ASTM D2370
VISCOSITY:	110 ± 10 KU
WEIGHT:	11.2 lbs per gallon ± 0.2
FLASH POINT:	None
HARDNESS:	50-55 Shore A ASTM D-2240
PERMEABILITY:	14 ± 3
WATER ABSORPTION RATE:	6-20%
REFLECTANCE:	Initial solar reflectance = 87%
EMISSIVITY:	.90
VOC:	<50g/Liter
MINIMUM APPLICATION TEMP:	50° F
DRY TIME:	2-12 hours
SERVICE TEMPERATURE:	-40° to 200° F
SHELF-LIFE:	12 months
CLEAN UP:	Water
COLOR:	Standard: white, gray, tan Premium and custom colors available*
PACKAGING:	5 gallon, 55 gallon

*See coatings color chart for more details.

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.

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