

# **ACRYLIC 211**

#### **DESCRIPTION**

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

#### **BENEFITS**

- Reduces daily expansion and contraction (thermal cycling)
- 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.

**Important:** this product is designed for POSITIVE drainage. Areas of ponding water must be corrected 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

## **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.

# TECHNICAL DATA

SOLIDS BY VOLUME:	55 ± 2%
ELONGATION:	233 ± 20%
TENSILE STRENGTH:	273 ± 20 psi ASTM D2370
VISCOSITY:	4500 ± 500 cps
WEIGHT:	12.1 lbs per gallon ± 0.2
FLASH POINT:	None
HARDNESS:	50-55 Shore A ASTM D-2240
IMPACT RESISTANCE:	Exceeds 160b in/lb. ASTM D-2294
SALT SPRAY:	No effect (3800 hrs) ASTM G-117
PERMEABILITY:	14 ± 3
WATER ABSORPTION RATE:	6-20%
REFLECTIVITY:	.87
EMISSIVITY:	.89
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

<sup>\*</sup>See coatings color chart for more details.

## **AMERICAN WEATHERSTAR LLC**

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