



# HIGH-BUILD ACRYLIC 212

## DESCRIPTION

Based on American WeatherStar's High Tensile formula, High-Build Acrylic 212 is designed to be applied up 50 wet mils in one coat. This very versatile elastomeric coating has the highest quality, plasticizer free, 100% acrylic resin in the industry. It is formulated utilizing specialized pigments and biocides to provide maximum UV resistance and minimize discoloration from dirt accumulation.

## BENEFITS

- Can be applied up to 50 wet mils in one coat
- Sag resistant technology allows 50 mils to hang even on vertical surfaces
- Versatile - may be spray applied rolled or brushed
- Excellent adhesion to various substrates
- Industry leading tensile and elongation properties contribute to an extremely durable and long-lasting membrane with exceptional resistance to weathering
- Unique ability to “breathe”, providing a completely watertight membrane while also allowing trapped moisture to escape

## BASIC USES

High-Build Acrylic 212 is designed as a protective membrane for most roofing surfaces including galvanized metal, concrete, PVC, Hypalon, EPDM, polyurethane foam and primed smooth and granulated asphaltic surfaces.

## 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:	600 ± 50%
TENSILE STRENGTH:	500 ±50 PSI
TEAR RESISTANCE:	133 ± 3 PSI
VISCOSITY:	110 ± 10 KU
FLASH POINT:	None
HARDNESS:	50-55 Shore A ASTM D-2240
WEIGHT SOLIDS:	66.0 ± 2%
DENSITY:	11.1 lbs per gallon
PERMEABILITY:	14 ± 3
REFLECTIVITY:	87%
EMISSIVITY:	.90
VOC:	<50g/Liter
SRI:	107
MINIMUM APPLICATION TEMP:	50°F
DRY TIME:	90 min @ 50% humidity
SERVICE TEMPERATURE:	-40° to 200° F
SHELF-LIFE:	24 months (unopened)
CLEAN UP:	Water
COLOR:	Standard colors: white, gray, and tan Custom colors available
PACKAGING:	5 gallon, 55 gallon

\*See coatings color chart for more details.

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