



# HIGH-BUILD ACRYLIC 212

## DESCRIPTION

Based on American WeatherStar's High Tensile formula, High-Build Acrylic 212 is designed to be applied up to 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:                    | White                     |
| PACKAGING:                | 5 gallon, 55 gallon       |

\*See coatings color chart for more details.

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