



# AROMATIC URETHANE 512-CA

## DESCRIPTION

Aromatic Urethane 512-CA is a high-solids, single-component, moisture-cure base coat. This polyurethane elastomeric coating is uniquely formulated for the sealing of traditional roofing structures, such as EPDM, TPO, PVC, Modified Bitumen, and BUR surfaces. Once cured, this liquid-applied, moisture-curing polymer provides a durable, seamless, flexible, and waterproof membrane that resists lateral movement, shear, and will allow for normal expansion and contraction. Aromatic Urethane 512-CA must be top coated with an American WeatherStar top coat such as Silicone 410, High Solids Silicone 412, or Aliphatic Urethane 510.

## ADVANTAGES

- Superior protection—forms a durable, weather-resistant, rubber-like seal
- Superior adhesive and cohesive strength
- Reduces daily expansion and contraction (thermal cycling) of roofing substrates
- Superior elongation and tensile strength
- Meets (SCAQMD) VOC requirements

## BASIC USES

Aromatic Urethane 512-CA was specifically developed as a protective base coat for American WeatherStar's Ure-A-Sil System. It can also be utilized as a base coat with our Aliphatic Urethane 510.

## INSTALLATION

- **Surface Prep:** All surfaces to be coated must be cleaned properly. checked for good adhesion. Before application, any loosely adhered coating must be removed and bare surfaces must be prepared, cleaned and checked for compatibility.
- **Application:** This product may be applied with medium nap rollers, soft brushes or conventional airless spray equipment. Apply Urethane 512-CA only to clean, dry, sound surfaces free of loose particles or other foreign matter. Successive and/or topcoats MUST be applied to the base or to intermediate coats within 48 hours to ensure proper adhesion.
- **Storage:** Avoid moisture contamination in sealed containers. Store in a cool environment at recommended temperatures of 75° F. Keep away from heat, open flame, or sparks. Use only in well-ventilated areas with proper protective equipment. Avoid breathing vapor or mist.

## TECHNICAL DATA

|                            |   |
|----------------------------|---|
| SOLIDS BY VOLUME:          | 77%   |
| ELONGATION:                | 375%  |
| TENSILE STRENGTH:          | 1,000 psi   |
| VISCOSITY:                 | 6,000 cps   |
| WEIGHT:                    | 11.7 lbs. per gallon  |
| FLASH POINT:               | 78° F   |
| HARDNESS:                  | 50-55, Shore A  |
| PERMEABILITY:              | <10% perms  |
| WATER ABSORPTION:          | <3%   |
| MINIMUM APPLICATION TEMP.: | 40° F   |
| DRY TIMES:                 | Dry-to-touch: 6 hours<br>Tack-free: 8-12 hours<br>Recoat: 12-16 hours |
| SERVICE TEMP. RANGE:       | -50° to 200°F   |
| SHELF LIFE:                | 6 months  |
| CLEAN UP:                  | Acetone   |
| COLOR:                     | Dark Gray   |
| PACKAGING:                 | 5 gallons, 55 gallons   |

## 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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