



AROMATIC URETHANE 508

DESCRIPTION

Aromatic Urethane 508 is a high-solids, single-component, moisture-cure polyurethane base coat formulated for commercial roof restoration applications. Designed for use over EPDM, TPO, PVC, Modified Bitumen, BUR, and concrete surfaces, this elastomeric coating cures to form a seamless, flexible, and weather-resistant membrane that resists lateral movement, shear stress, and thermal cycling. Aromatic Urethane 508 must be top coated with an approved American WeatherStar finish coat such as Silicone 410, High Solids Silicone 412, or Aliphatic Urethane 510.

ADVANTAGES

- Superior adhesive and cohesive strength
- Forms a durable, rubber-like waterproof membrane
- Excellent elongation and tensile strength
- Resists weathering and environmental stress
- Helps reduce thermal cycling movement on roofing substrates
- Seamless, flexible coating for long-term roof protection
- Compatible with multiple commercial roofing substrates

BASIC USES

Aromatic Urethane 508 was specifically developed as the protective base coat for American WeatherStar's Ure-A-Sil™ System. It may also be utilized as a base coat beneath Aliphatic Urethane 510 in systems such as Ure-A-Max and Max-Ply Urethane Systems.

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:** Aromatic Urethane 508 may be applied using medium nap rollers, soft brushes, or conventional airless spray equipment. Apply only to clean, dry, sound surfaces free of loose particles or foreign matter. Successive and/or top coats must be applied within 48 hours to ensure proper intercoat adhesion.
- **Top Coats:** Aromatic Urethane 508 must be top coated with an approved American WeatherStar finish coat, including Silicone 410, High Solids Silicone 412, or Aliphatic Urethane 510. Top coats must be applied within 48 hours to ensure proper intercoat adhesion.
- **Storage:** Avoid moisture contamination in sealed containers. Store in a cool, dry environment at recommended temperatures around 75°F. Keep away from heat, open flame, or sparks. Use only in well-ventilated areas with appropriate protective equipment. Avoid breathing vapor or mist.

TECHNICAL DATA

SOLIDS BY VOLUME:	70% ± 2%
ELONGATION:	475 ± 50%
TENSILE STRENGTH:	725 ± 50 psi
VISCOSITY:	6,000 ± 2,000 cps
WEIGHT:	8.90 ± 0.1 per gallon
FLASH POINT:	80° F
HARDNESS:	65, Shore A
PERMEABILITY:	.02 perms
WATER ABSORPTION:	2.4%
MINIMUM APPLICATION TEMP.:	40° F
DRY TIMES:	Dry-to-touch: 6 hours Tack-free: 8-12 hours Recoat: 12-16 hours
SERVICE TEMP. RANGE:	-50° to 200°F
SHELF LIFE:	1 year
CLEAN UP:	Xylene and/or 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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