AROMATIC URETHANE 520

DESCRIPTION

Aromatic Urethane 520 is a high-solids, single-component, moisture-cure, polyurethane elastomeric coating. It is uniquely formulated for the protection of sprayed-in-place polyurethane foam insulation and traditional roofing structures, such as EPDM single-ply membrane 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.

ADVANTAGES

- Superior protection—forms a durable, weather-resistant, rubber-like seal
- Excellent UV protection— prevents premature degradation
- Superior adhesive and cohesive strength
- Reduces daily expansion and contraction (thermal cycling) of roofing substrates
- Excellent reflective properties which help to reduce cooling costs
- Superior elongation and tensile strength
- Superior resistance to dirt pick-up

BASIC USES

Aromatic Urethane 520 was specifically developed as a protective coating for sprayed-in-place polyurethane foam roofing. It has excellent adhesion and may be used as well for protection of conventional commercial/industrial surfaces including—but not limited to—EPDM, modified bitumen, single-ply membranes, wood, concrete, masonry, and most types of metals.

INSTALLATION

- **Surface Prep:** All surfaces to be coated must be cleaned properly. Power washing is recommended. Any existing coating must be 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 520 only to clean, dry, sound surfaces free of loose particles or other foreign matter.
- **Storage:** Avoid moisture contamination in sealed containers. Store in a dry environment at temperatures between 40° F-100° 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:	70% ± 2%
ELONGATION:	350% ± 50%
TENSILE STRENGTH:	975± 25 psi
VISCOSITY:	2,000 cps
WEIGHT:	9.2 lbs. 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
COLOR:	Silver
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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