



PO Box 6256
Mobile AL, 36606
1-800-771-6643

PRODUCT DATA SHEET

Aromatic Urethane 520

DESCRIPTION

Aromatic Urethane 520 is a high solids, single component, moisture cure polyurethane elastomeric coating uniquely formulated for the protection of sprayed-in-place polyurethane foam insulation and traditional roofing substrates, such as EPDM single ply membrane and BUR surfaces. Once cured this liquid applied moisture-curing polymer provides a durable, seamless, flexible, 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.
- Superior adhesive and cohesive strength.
- Reduces daily expansion and contraction (thermal cycling) of roofing substrates.
- Excellent reflective properties which help to reduce cooling costs. Prevents premature degradation.
- Superior elongation and tensile strength.
- Superior resistance to dirt pick-up.

BASIC USES

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

INSTALLATION

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.

Urethane 520 may be applied by 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. Successive and/or topcoats **MUST** be applied to the base or intermediate coats within 48 hours to insure proper adhesion.

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.



PO Box 6256
 Mobile AL, 36606
 1-800-771-6643

PRODUCT DATA SHEET

Aromatic Urethane 520

WARRANTY

American WeatherStar warrants that the material supplied will meet or exceed physical properties as published. The contractor guarantees that workmanship will be free of defects in coating application. Since performance of previously installed substrate is beyond the control of American WeatherStar or the contractor, requests for additional warranty coverage shall be subject to prior approval by American WeatherStar.

MAINTENANCE

Periodic maintenance of all American WeatherStar products, including cleaning, will ensure extended service life and maintain reflectivity.

TECHNICAL DATA

Color:	Silver
Viscosity:	2,000 cps
Tensile Strength:	975± 25 psi
Elongation:	350% ± 50%
Total Solids:	70% ± 2%
Flash Point:	80° F
Hardness:	65 Shore A
Cure Times	6 hours to touch 8-12 hours tack free 12-16 hours recoat
Permeability:	.02 Perms
Coverage:	2 gallons per 100 sq.ft. yields 22 dry mils 3 gallons per 100 sq.ft. yields 33 dry mils
Recommended Coverage:	Depends on substrate: See application specifications for each surface.
Shelf Life:	6 months
Weight:	9.2 lbs. per gallon
Clean Up:	Xylene
Service Temperature:	-50° to 200° F