URETHANE BRUSH-GRADE 522

DESCRIPTION

Urethane Brush-Grade 522 is a high-solids, single-component, moisture-cure, polyurethane elastomeric coating. It is uniquely formulated to a thick consistency in order to bridge gaps for water-proofing situations.

ADVANTAGES

- Superior protection—forms a durable, weather-resistant, rubber-like seal
- Excellent elongation and tensile strength
- Superior adhesive and cohesive strength
- Great solution for emergency repairs including recent hail damage

BASIC USES

Urethane Brush-Grade 522 was developed from the Aromatic Urethane 520 as a mastic to create a waterproofing system with Urethane 520 and other American WeatherStar coatings. It has excellent adhesion and may be used for protection of conventional commercial/industrial surfaces including—but not limited to—EPDM, single-ply membranes, concrete, masonry, metal, modified bitumen, and polyurethane foam. Urethane Brush Grade 522 is used in several of American WeatherStar restoration systems and is an excellent solution for repairs.

INSTALLATION

- **Surface Prep:** All surfaces to be coated must be clean, dry and free of any oil, grease or dirt.
- **Application:** Apply by heavy brush as received. Thinning up to 6% by volume with xylene is permissible if viscosity increases. For cold weather application, keep material stored above 65° F. This product reacts with water and water vapor in the atmosphere. Water contamination in closed container can result in pressure build-up. Under properly-controlled conditions, this product has a 3-6 month shelf life. Applied coatings will cure in approximately 24 hours at 60° F and 40% relative humidity. Lower temperatures and humidity will require longer cure time.

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.

TECHNICAL DATA

SOLIDS BY VOLUME:	69% ± 2%
ELONGATION:	350% ± 50%
TENSILE STRENGTH:	975 ± 25 psi
VISCOSITY:	30,000-40,000 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:	18 months
CLEAN UP:	Xylene
COLOR:	Silver
PACKAGING:	5 gallon, 1 gallon, 20oz tubes

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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