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DEL-VAL 320 100% SILICONE ROOF COATING

DESCRIPTION

Del-Val 320 Silicone Roof Coating is a one-part silicone elastomeric coating specifically designed for use in roofing applications. Once cured, this liquid applied silicone coating provides a durable, seamless, flexible, waterproof membrane that resists lateral movement, shear and will allow for normal expansion and contraction. Del-Val 320 provides greater UV protection than similar coatings and offers increased resistance to moisture penetration. Del-Val 320 provides excellent long-term protection through exceptional weatherability properties.

USES

Del-Val 320 was specifically developed as a protective coating for single-ply membranes, modified bitumen, metal and sprayed-in-place polyurethane foam roofing. With exceptional durability, Del-Val 320 is proven to provide excellent solar reflectivity, UV protection and long-term waterproofing performance.

PREPARATION

Surface must be clean, free of all loose particles, dirt debris and other contaminants that could inhibit adhesion. For best results, ambient temperature should be between 50–90°F. Higher temperatures will shorten the cure time and working time. Lower temperatures will lengthen the skin over, tack free and ultimate cure time. Adhesion tests are recommended to ensure the coating is going to adhere to the substrate, contact United Asphalt if needed.

APPLICATION AND COVERAGE RATES

Del-Val 320 Silicone Roof Coating may be applied by medium nap rollers, soft brushes, or conventional airless spray equipment. Apply Del-Val 320 only to clean, dry, sound surfaces free of loose particles or other foreign matter. Based on the substrate, a primer or basecoat is recommended. Consult with a United Asphalt Product Specialist for the appropriate recommendation. Apply Del-Val 320 at a rate of 1.5 gallons per 100 square feet per gallon per coat, according to the substrate and condition. A minimum of 25 mils DFT is recommended. **Skin-Over** in 30 minutes, **Tack Free** in 2 hours, **Dry to touch** in 6 hours.

SPECIFICATIONS

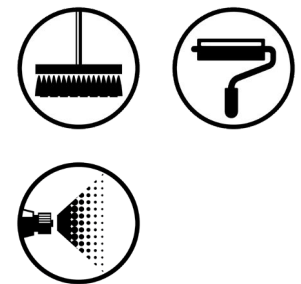
TOTAL SOLIDS BY VOLUME:67% ASTM D2697
WEIGHT PER GALLON:9.2 lbs. per gallon
FLASH POINT:106° F
TENSILE STRENGTH:500 psi
ELONGATION:318% Initial
VOC:Less than 250 g/l
ELASTIC RECOVERY:100% ASTM D-412
PERMEABILITY:2.1 perms

THERMAL EMITTANCE:.....88%
HARDNESS:55 Shore A
SERVICE TEMPERATURE:..... -50° to 200° F
CLEAN UP:.....Mineral Spirits
THINNER:..... Not Recommended
SHelf LIFE:.....6 months @ 40°–90° F
VISCOSITY:.....6,000 ± 1000 cps Brookfield
COLOR:.....White, Gray & Black

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TOOLS NEEDED



PACKAGING SIZES



LIMITATIONS AND PRECAUTIONS

Sudden temperature declines may also result in dew formation on surfaces, which can prevent adhesion development. For best results, relative humidity should be above 20%. Lower humidity will slow the cure time significantly. Shelf Life is 12 months stored indoors at 50–85°F. Avoid contamination in sealed containers. Store away from heat, sources of ignition and incompatibles. Use only in well ventilated areas. Refer to SDS for more information.