



ARMSILCON-PW

HIGH SOLIDS SILICONE ROOF COATING

PRODUCT DESCRIPTION

ARMSILCON-PW is a solvent-free silicone roof coating. It is a one-component, moisture curing silicone rubber roof coating system designed for use on existing smooth surface BUR, granulated cap sheet, well-adhered acrylic coating, concrete, metal, sprayed in place polyurethane foam and various single ply membrane roofing.

The system provides long-term protection because it resists weathering, aging, oxidation, wind-driven sand, rain and snow, With it's high solids content and absence of hydrocarbon solvents, ARMSILCON-PW can be applied in excess of 40 mils in a single coat without blistering, while maintaining maximum adhesion.

PROPERTIES

APPEARANCE	WHITE, DARK GRAY, LIGHT GRAY, TAN	DUROMETER HARDNESS, SHORE A, POINTS ASTM D-2240	37
TOTAL SOLIDS (WEIGHT)	92%	TENSILE STRENGTH, PSI ASTM D-412	247
SPECIFIC GRAVITY AT 25°C	1.24	ELONGATION, PERCENT ASTM D-412	237
TACK FREE TIME	1-2 HOURS	PERMEABILITY ¹ , PERMS ASTM E-96	10.7
CURE TIME	1-4 HOURS	TENSILE, SET AT 100 PERCENT ELONGATION	NIL
VOC	<50 G/L	TEMPERATURE STABILITY RANGE, °C (°F)	- 37 TO 100 (-35 TO 212)
FLASH POINT	141° F	ACCELERATED WEATHERING, QUV	NO DEGRADATION
		5,000 HOURS ASTM G 154	CLASS A
		FLAME SPREAD ASTM E-108	89
		INITIAL SOLAR REFLECTIVITY, ASTM C-1549	90
		INITIAL THERMAL EMISSIVITY ² , ASTM C-1371	113
		SRI VALUE ²	

¹20 MILS AT 38°C (100°F) AND 90 PERCENT RELATIVE HUMIDITY

²APPLIES TO WHITE ONLY

STORAGE AND SHELF LIFE

This product has recommended shelf life of 24 months from date of when stored in unopened containers between 40°F - 80°F

COLORS

White, Tan, Light Gray, Dark Gray. Speciality colors available upon request

PACKAGING

Available in 5 and 55 gallon containers.

COMPOSITION AND MATERIALS

This coating is a 1-part ready to use material. It is a dispersion of silicon rubber. It can be applied easily to a dry, frost-free surface and cures at normal temperature and humidity in 1-4 hours by reacting with moisture in the air.

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