



TECHNICAL DATA SHEET

PRODUCT NAME: EPOXY 100

DESCRIPTION: TWO-COMPONENT EPOXY 100% SOLIDS

CHEMISTRY: MIXED POLYAMINES AND BISPHENOL A RESIN

COLOR: GARDENER 1 - 2

VISCOSITY: Mixed approximately 300-500 cPs @ 25°C (77°F)

REFRACTIVE INDEX: APPROX. 1.48

TENSILE STRENGTH: 3,450 – 3,550 PSI.

FLEXIBILITY: ½" MANDREL BEND, NO CRACKING OR ADHESION FAILURE

CHEMICAL RESISTANCE: EXCELLENT RESISTANCE TO ALIPHATIC AND AROMATIC HYDROCARBONS SALTS, ACIDS AND ALCOHOLS

PHYSICAL TESTING:	Shore Hardness (D)	75-78
	SALT SPRAY	200 HRS. MIN.
	QUV. (XENON BULB)	500 HRS. MIN.
	FALLING SAND TEST	28 LITERS MIN.
	CROSS HATCH	100%
	GARDNER IMPACT:	
	REVERSE	140 LBS.
	FORWARD	140 LBS.

Testing done on cured 2-mil. coating on aluminum Q- panels, aged 7 days.

SHELF LIFE: 12- MONTHS IN ORIGINAL UNOPENED PAILS, STORED AT ROOM TEMPERATURE.

RECOMMENDED EQUIPMENT FOR APPLICATION AND CURING

EQUIPMENT: BRUSH, ROLL (SHORT NAP) OR SPRAY WITH PROFESSIONAL HVLP

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