

Smooth-On MT-13®

Epoxy; Epoxide
Smooth-On, Inc

Message:

Smooth-On MT-13® is a premium performance epoxy for applications requiring maximum holding power and water resistance. MT-13® is a two component epoxy adhesive cement which is mixed in equal parts by volume (100A/123B by weight) and gels in a few hours. It develops handling strength in 16 hours and adheres extremely well to both porous and non-porous surfaces. MT-13® is widely used by the boating industry for assembly and general repair. MT-13® also maintains holding power under extreme cold conditions.

General Information			
Features	Good Adhesion		
	Low Temperature Resistant		
	Low to No Water Absorption		
Uses	Marine Applications		
	Repairing Material		
Appearance	White		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.37	g/cm³	
Viscosity	Light-paste		
	100A:123B by weight		
Mixing Ratio	1A:1B by volume		
Sag Resistance	1.59	mm	
Hardness	Nominal Value	Unit	Test Method
Barcol Hardness	72		ASTM D2583
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	1970	MPa	ASTM D638
Tensile Strength	29.6	MPa	ASTM D638
Tensile Elongation (Break)	0.80	%	ASTM D638
Compressive Modulus	1140	MPa	ASTM D695
Compressive Strength	60.0	MPa	ASTM D695
Thermoset	Nominal Value	Unit	
Pot Life (23°C)	35	min	
Demold Time (23°C)	960	min	

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