



Miapoxy 101 Epoxy Laminating System

Description

Miapoxy 101 is a clear, two component epoxy laminating system specifically designed for producing strong and accurate fiberglass laminates or repairs. This product features two hardeners: Mia 195, for longer 35 minute working time for larger parts, and Mia 197, for smaller parts or repairs with a 15 minute working time.

Physical Properties

System	Miapoxy 101 / Mia 195	Miapoxy 101 / Mia 197
Color	Light Amber	Amber
Mix Ratio (by weight)	100:23	100:22
Mix Ratio (by volume)	4:1	4:1
Viscosity, Mixed (cps)	800	900
Gel Time (minutes @ 77°F)	35	15
Demold Time (hours)	24	24
Hardness (Shore D)	82	84
Specific Gravity (g/cc)	1.10	1.14
Tensile strength, (psi)	8,800	8,600
Tensile Modulus, (psi)	320,000	432,000
Flexural Strength, (psi)	14,200	14,700
Flexural Modulus, (psi)	420,000	476,000
Compression Strength (psi)	10,600	11,900
Izod Impact, Notched, (ft.lb. /in.)	1.01	1.29
Heat Distortion Temperature, Room Temp Cure	120°F	140
Heat Distortion Temperature, Post Cure	150°F	190

*Material will reach full cure after seven days at room temperature.

The user shall determine the suitability of this product for their application and assumes all risks and liabilities associated with the use of this product. The exclusive remedy for all proven claims is replacement of our materials only and in no event shall Freeman Mfg. & Supply Co. be liable for special, incidental, or consequential claims.

READ SAFETY DATA SHEETS AND PRODUCT LABELS BEFORE USING PRODUCT