

Zepoxy PR Fix is a purpose-built system for manufacturing of Paddle Rackets through hand lay-up method; the viscosity and adhesion of this system ensures good impregnation in carbon fiber and/or glass fiber. It is a quick setting high strength material which can be heat cured to achieve optimum mechanical properties in a short amount of time. This material is suitable for manufacturing of other composites as well where high impact on the cured surface or the modified surface is expected.

TECHNICAL DATA

Property	Test Method	Result	
		Part A	Part B
Appearance Part A	Visual	Medium viscosity, clear to light yellow liquid	Low viscosity, yellow to orange liquid
Appearance Part B	ASTM D 2196	5000 - 7000 cPs	200 - 500 cPs
Mix ratio (Part A: Part B)	Theoretical	100:18	
*Pot life @ 30°C (300g mix)	-	15 minutes	
*Peak Exotherm	-	170°C	
*Flash Point	ASTM D 93	>135°C	
*Flexural Strength	ASTM D 790	100.5 MPa	
*Compressive Strength - Yield	ASTM D 695	106 MPa	
*Compressive Strength - Ultimate	ASTM D 695	157.5 MPa	
*Gel time @ 30°C of wetted fabric	-	60 mins	
*Gel time @ 110°C of wetted fabric	-	4 mins	
*Gel time @ 140°C of wetted fabric	-	1 mins	

*Typical results under laboratory conditions.

PACKAGING

Both Parts of **Zepoxy PR Fix A & B** are available in the following packs.

15 KG, 30 KG, and 200 KG

HEALTH AND SAFETY

Dispose containers of the materials as per local laws, rules, and regulations. Use gloves, safety masks and other safety apparel as per health and safety laws. For further assistance, please refer to the MSDS of the product for further health and safety information.