

Zepoxy 100 CL is a versatile, medium-viscosity epoxy adhesive that cures slowly to deliver strong, durable bonds. It effectively joins materials such as metal, wood, ceramic, concrete, textile, glass, and leather. The formulation provides a long working time, cures well even in cold or humid environments, and is non-corrosive. With its clear hardener and a shelf life of up to 2 years, **Zepoxy 100 CL** ensures dependable performance for a wide range of bonding applications.

TECHNICAL DATA

Property	Test Method	Result
Appearance Part A	Visual	Medium viscosity, clear liquid
Appearance Part B	Visual	Medium viscosity, clear liquid
Mix ratio (Part A: Part B)	Theoretical	100: 80
*Mix viscosity @ 25°C	ASTM D 2196	10000 – 20000 cPs
*Flash Point	ASTM D 93	>135°C
*Pot life (300g mix) @ 25°C	-	50 – 80 min
*Gel time (18g mix) @ 25°C	-	>3 hours
*Hardening time	-	24 hours
*Full Cure	-	7 days

*Typical results under laboratory conditions.

CURED SYSTEM PROPERTIES

Property	Test Method	Result	
		7 days	2h@80°C
*Flexural Strength	ASTM D 790	69.2 MPa	60 MPa
Compressive Strength - Ultimate	ASTM D 695	88.5 MPa	150 MPa

*Typical results under laboratory conditions.

NOTE

At 40°C gel time will be reduced to half, in case of increased temperatures, pouring should be planned accordingly.

PACKAGING

Zepoxy 100 CL is available as follows:

Mini set	180g	Part A: 100g Part B: 80g
Half Set	900g	Part A: 500g Part B: 400g
Full Set	1.8 KG	Part A: 1 KG Part B: 800g
Commercial Pack	54 KG	Part A: 30 KG Part B: 24 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.