

TECHNICAL DATA SHEET

 DESCRIPTION	CLEARPOX is a low-viscosity, 100% solids, UV stabilised ultra-clear epoxy system designed for a wide range of arts & crafts, timber, coating and casting applications. Ideal for resin art, river tables, bar tops, counter tops, jewellery, coasters, mould casting, laminating, wood turning and general decorative projects. CLEARPOX offers excellent clarity, high UV resistance, water and chemical resistance and strong adhesion to a variety of substrates. Once cured, it delivers outstanding mechanical strength, durability and a brilliant glass-like finish.	
 PROPERTIES	Mixing Ratio	2 parts "A" to 1 part "B" by volume
	Pot Life	35 - 45 Minutes at 25°C
	Setting Time	2 Hours at 25°C
	Cure Time	24 Hours at 25°C
	Viscosity Part A	800 - 1100 cps
	Viscosity Part B	400 - 800 cps
	Viscosity Mixed	800 cps
 PRODUCT SPECIFICATION	Low-viscosity, ultra-clear 2:1 epoxy resin system for arts & crafts, timber, coating and casting applications. Provides exceptional clarity, UV stability, water and chemical resistance with a hard, durable, high-gloss finish.	
 CURED PROPERTIES	Shore D Hardness	85 - 90
	Tensile Strength	55 – 65 MPa
	Flexural Strength	85 – 100 MPa
	Compressive Strength	90 MPa
 SURFACE PREPARATION	Good adhesion can only be achieved if proper pre-treatment of surfaces to be bonded is carried out. Any surface impurities can reduce bond strength or inhibit adhesion. It is recommended to clean all surfaces with acetone or isopropyl alcohol. Wire brushing is not an adequate surface preparation and will produce poor adhesion.	
 AVAILABILITY	CLEARPOX is available in 750 mL, 1.5 L, 3.0 L, 6.0 L, 12 L, 15 L and 30 L kits. BULK SUPPLIES ARE AVAILABLE	
 CLEANING	Use alcohol-based solvents like IPA, ethanol or acetone to clean mixing implements and tools. General-purpose thinners are recommended to keep working equipment clean. Always wear disposable rubber gloves to protect your hands and maintain proper industrial hygiene.	
 TECHNICAL SERVICE	All CLEARPOX customers are welcome to access our expert technical support for epoxy resin applications. The procedures and recommendations provided are current best practices; however, ongoing research and development may lead to updates or changes without prior notice.	