



EP4030 Ultra-Clear 3:1 Deep Pour Epoxy Resin for River
Tables, Timber Casting, Large Voids & Decorative Applications

Technical Data Sheet

DESCRIPTION	EpoxyPro EP4030 is a low-viscosity, 100% solids ultra-clear 3:1 epoxy system specifically designed for deep-pour timber casting applications. Its extended working time and low exotherm allow larger and deeper pours while providing excellent air release, clarity and penetration into timber surfaces. EP4030 is ideal for river tables, live-edge slabs, large voids, knots, cracks, decorative castings and encapsulation applications. Once fully cured, it produces a hard, durable, glass-like finish with excellent clarity, moisture resistance and long-term protection while enhancing the natural appearance of timber.	
PROPERTIES	Mixing Ratio	3 parts “A” to 1 parts “B” by volume
	Pot Life	6 - 8 Hours at 25°C
	Setting Time	9 - 10 Hours at 25°C
	Cure Time	24 Hours at 25°C
	Viscosity Part A	800 - 1100 cps
	Viscosity Part B	5 - 15 cps
	Viscosity Mixed	650 cps
PRODUCT SPECIFICATION	Low-viscosity, ultra-clear 3:1 deep-pour epoxy designed for river tables, large timber voids, decorative casting and deep encapsulation applications.	
CURED PROPERTIES	Shore D Hardness	85 - 90
	Tensile Strength	55 – 65 MPa
	Flexural Strength	75 – 90 MPa
	Compressive Strength	80 - 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 on the casting surfaces can reduce the bond strength or inhibit the bond to the items being encapsulated. 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	EpoxyPro EP4030 is available in 4L, 10L, 16L, 20L 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 EpoxyPro EP4030 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.	