



EP4010 Low Viscosity Ultra Clear 2:1 Epoxy Resin
for Timber Sealing, Casting, and Surface Protection

Technical Data Sheet

DESCRIPTION	EpoxyPro EP4010 is a low-viscosity, 100% solids ultra-clear epoxy system ideal for woodworking and timber applications. It's recommended for use in sealing, coating, and casting timber pieces, filling cracks, and protecting surfaces in furniture, flooring, and decorative projects. EP4010 is designed to enhance natural wood grain while providing excellent resistance to yellowing, moisture, and wear. Once cured, it delivers strong mechanical strength and flexibility to accommodate wood movement, making it an ideal solution for durable, long-lasting protection of timber in demanding environments.	
PROPERTIES	Mixing Ratio	2 parts "A" to 1 parts "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 designed for timber sealing, casting, and surface protection with excellent clarity and durability.	
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 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 EP4010 is available in 1.5L, 3L, 6L, 12L, 15L, 30L 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 EP4010 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.	