

Technical Data Sheet

Zepoxy Table Top **Low viscosity, slow setting, deep casting epoxy**

Zepoxy Table Top is a retarded clear epoxy casting system, which offers a long open time for precise article placement and complete bubble removal. It has inbuilt UV inhibitors as well as excellent visual properties. It also avoids high exothermic reaction and the resulting shrinkage after curing.

Technical Table and typical properties

Property	Test Method	Result
Appearance Part A	Visual	medium viscosity, clear liquid
Appearance Part B	Visual	Low viscosity, clear liquid
Mix ratio (Part A : Part B)	Theoretical	100 : 30
Flash Point	ASTM D 93	>150°C
Coverage per kg	Theoretical	1 sq.ft @ 10mm thick
Recommended maximum pouring thickness	-	25mm above 1 kg 70mm below 1 kg

Curing Profile		
	390g mass @ 70 mm thick	1800g mass @ 25 mm thick
Working time @ 30°C	5 hours	3.5 hours
Hardening time	24 hours	24 hours
Full Cure	7 days	7 days

these are typical results under laboratory conditions, actual coverage and timings may vary as per actual working environment.



Note:

- At higher mixing quantities of 5-10 kg please ensure epoxy is poured soon after mixing and that the thickness of 25mm is not exceeded
- At 40°C working time will halve so pouring should be planned accordingly

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Mixing

The mixing ratio must be accurately followed to achieve perfect results. It is not possible to change the ratio which would result in the epoxy not drying properly and lower mechanical properties. Pour the hardener first and then the resin. The mixed components should be thoroughly mixed for 3-4 minutes to ensure an even consistency.

To avoid development of bubbles slowly mix for 5-10 mins. Once the epoxy is mixed and poured gently pass warm air from a heat gun or hair dryer on slowest speed setting, this will assist in removal of any bubbles generated during mixing.

Packaging

Zepoxy Table Top is available as follows:

- 1.3 KG Set (1 KG Part A – 300g Part B)
- 6.5 KG Bucket (5 KG Part A – 1.5 KG Part B)
- 26 KG Bucket (20 KG Part A – 6 KG Part B)



Health and Safety

Please dispose off containers of the materials as per local laws, rules and regulations. Usage of gloves, safety masks and other safety apparel as per health and safety laws should be done. Especially wear a respirator when sanding cured resin, and if you use alcohol inks DO NOT use a flame to remove bubbles, as alcohol is flammable. For further assistance, please refer to the MSDS of the product for further health and safety information.