

Zepoxy 700 is a low gloss epoxy system for general purpose coatings and thin castings. This system offers a moderate open time, medium viscosity, good wetting characteristics, excellent adhesion, and excellent mechanical strength.

TECHNICAL DATA

Property	Test Method	Result
Appearance Part A	Visual	Medium viscosity, clear to light yellow liquid
Appearance Part B	Visual	Low viscosity, yellow liquid
Mix ratio (Part A: Part B)	Theoretical	100: 50
*Mix viscosity @ 25°C	ASTM D 2196	1000 – 5000 cPs
*Flash Point	ASTM D 93	>135°C
*Coverage per kg	Theoretical	9 SFT @ 1mm thick
Recommended maximum casting thickness	-	5mm
*Pot life (300g mix) @ 30°C	-	45 min
*Hardening time	-	24 hours
*Full Cure	-	7 days
*Flexural Strength (MPa)	ASTM D 790	100.0
*Compressive Strength (MPa)	ASTM D 695	85.0

*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.

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 700 is available as follows:

1.5 KG Sets	Part A 1 KG Part B 500g
15 KG Sets	Part A 10 KG Part B 5 KG
45 KG Sets	Part A 30 KG Part B 15 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