

Zepoxy 350 is a clear epoxy system, which offers a longer open time, lower viscosity, higher gloss, higher clarity, superior wetting, and superior impact strength compared to standard market coating grades like **Zepoxy 300**. These properties make coatings or castings done with **Zepoxy 350** superior in all aspects.

TECHNICAL DATA

Property	Test Method	Result
Appearance Part A	Visual	low viscosity, clear liquid
Appearance Part B	Visual	Low viscosity, clear liquid
Mix ratio (Part A: Part B)	Theoretical	100 : 50
*Mix viscosity @ 25°C	ASTM D 2196	500 – 800 cPs
*Mix Density	ASTM D1475	1.063
*Flash Point	ASTM D 93	>126°C
*Coverage per kg	Theoretical	9 SFT @ 1mm thick
Recommended maximum casting thickness	-	5mm
*Pot life (300g mix) @ 30°C	-	33 min
*Pot life (300g mix) @ 45°C	-	20 min
*Gel time @ 35°C (1mm thickness)	-	2h 15m
*Hardening time	-	36 hours
*Full Cure	-	7 days
*Flexural Strength (MPa)	ASTM D 790	46.1
*Compressive Strength (MPa)	ASTM D 695	78.3

*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 350 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

SHELF LIFE

Expiration of Zepoxy 350 is at 1 year after production date under dry and sheltered conditions. For further information contact Ressichem Pvt. Ltd.

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.