

Zepoxy 350 LV 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 **Zepoxy 350**. These properties make coatings or castings done with **Zepoxy 350 LV** 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	400 – 500 cPs
*Flash Point	ASTM D 93	>150°C
*Coverage per kg	Theoretical	9 SFT @ 1mm thick
Recommended maximum casting thickness	-	5mm
*Gel time @ 34°C (1mm thickness)	-	2h 40m
*Hardening time	-	48 hours
*Full Cure	-	7 days

*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 LV 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