Zepoxy 300

Medium viscosity, moderate setting, high gloss, crystal clear epoxy

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adding life and value to your property

Zepoxy 300 is a clear high gloss epoxy system for general purpose coatings and thin castings. This system offers a moderate open time, medium viscosity, good wetting characteristics and good impact strength.

TECHNICAL DATA

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 : 50
*Mix viscosity @ 25°C	ASTM D 2196	1000 – 5000 cPs
*Flash Point	ASTM D 93	>117°C
*Coverage per kg	Theoretical	9 SFT @ 1mm thick
Recommended maximum casting thickness	-	5mm
*Pot life (300g mix) @ 30°C	-	38 min
*Pot life (300g mix) @ 45°C	-	24 min
*Gel time @ 34°C (1mm thickness)	-	50m
*Hardening time	-	24 hours
*Full Cure	-	7 days
*Flexural Strength (MPa)	ASTM D 790	82.2
*Compressive Strength (MPa)	ASTM D 695	81.7

***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.

TECHNICAL DATASHEET ZEPOXY 300

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PACKAGING

Zepoxy 300 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.