

Product Data Sheet

Casting Resin



Deep Pour Epoxy Casting Resin

DESCRIPTION

A high-transparency, low-viscosity epoxy compound for high-thickness decorative casting applications, High purity, and bubble free.

APPLICATION

It is used to cast decorative artwork, wooden tables of many shapes, and artifacts.

PHYSICAL PROPERTIES

TEST	RESULT
COLOR	Clear
MIX-VISCOSITY	0.05±90KU
DENSITY	0.05±1.05kg/L
SOLID CONTENT	%100
POT-LIFE	120 mints at 25c°
TOUCH DRY	24hours
HARD DRY	48 hours at 25 c° & 78 at 10 c°
MIXING RATIO	100 resins: 50 hardeners by weight
MIN. APPLICATION TEMPERATURE	5 c°
DILUTED	No dilution

STORAGE AND VALIDITY

- Shelf life 12 months from the date of packing at a temperature of 25°
- Store in tightly closed containers in a dry and moderately well-ventilated place

SAFETY

- The product should be handled with caution before and during application.
- Avoid contact of the paint with the eyes and skin or inhalation of its mists and vapors during application.
- It is recommended to use the product in well-ventilated places. out of reach of children.
- The product should be kept away.

PACKING

- 18 kg kit (12 Part A+ 6 Part B)
- 3 kg kit (2 Part A + 1 Part B)



ADVANTAGES

- Low viscosity to avoid bubbles
- It is applied to high thicknesses from 2 cm to 5 cm
- Long pot life
- Low temperature during solidification
- Mixable with colors and dyes
- Easy to apply

APPLICATION METHOD

- Clean the molds from dust and dirt.
- Mix the two compounds with a mixing ratio of 100 Resin A :50 hardener B
- Mix well for five minutes with mechanical low speed mixer
- Colors can be added to the mixture
- The mixture is gradually poured into the mold
- If the required thickness is more than 5 cm, the casting must be done in stages.
- Remove the molds after the casting is fully soild.
- Grind surface to reach a smooth surface
- Finally polish the surface by GR – Topcoat or polishing compoud (optional).