

NEROVAK[®] LIQUID EPOXY - 1005

‘Just mix in a1 : 1/4 ratio a powerful & versatile type liquid epoxy resin’

PRODUCT DESCRIPTION :-

Nerovak Liquid Epoxy Resin - 1005 is two component, 100% solid, transparent crystal clear, solvent free, self leveling based on epoxy modified resin and cyclo aliphatic polyamine for filling major/minor cracks, embedding, reinforcing and large porses for natural and artificial stones & marbles. Nerovak epoxy liquid - 1005 has very good penetration in to fine and deep cracks/porses due to very low viscosity and excellent exposure to UV Light. It has enhances grinding and polishing properties to improves quality of natural and artificial stones & marbles. It provides excellent adhesion, hardness and high gloss to enhance durability and look of stone and marble.



ADVANTAGES :-

- 1 - Excellent penetration

2 - Improve stain properties

3 - Low viscosity
- 4 - Curing at low temperature

5 - Easy to mix, use and apply

6 - 100% solid & Non VOC
- 7 - Enhance hardness

8 - Improve chemical resistance property

9 - Improve gloss & clarity

PRODUCT SPECIFICATION :-

Appearence	Transparent crystal clear
Viscosity@ 25° C	Part (A) - 300 - 600 CPS Part (B) - 25 - 50 cps
Solid Content	100%
Pot Life @ 25°C	50 - 55 Minutes
Curing time @ 25°C	5 -7 Hrs
Full cure @ 25°C	8 - 10 Hrs
Colour Gardener	2 Max
Mixing Ratio	100% : 25%
Working time@ 25°C for cutting	24 Hrs
Shelf Life	24 Months from date of manufacturing

KEY STEPS FOR APPLICATION :-

- 1 - **Preparation:-** Clean and prepare the surface (e.g. concrete, wood, dust, fiberglass etc). Ensure good ventilation and wear a protective eye glass, gloves and gear.

2 - **Measures :-** Accurately measure component A (resin) and component B (hardener) according to the manufacturer’s specification ratio by volume.

3 - **Mixing process :-** Material pour in to a clean container. stir slowly with a stick for 3 - 5 minutes, scarfing sides and bottom to ensure no unmixed resin and hardener remain, avoid whipping air in. The mixture sit briefly to allow bubbles to rise, then use a heat gun carefully to pop them.

PACKING :- Component A - 1.0 KG & 4.0 KG. Component B - 0.25 KG & 1.0 KG

COVERAGE :- 5 - 7 SQM/KG

Coverage will be depends on the cracks, pores and smoothness of substrate surface and method of application. For goos coverage, it’s vital that all surfaces are smooth plumb, level and free defects and undulation.

KEY FACTORS AFFECTING COVERAGE :-

- 1 - Surface cracks & porosity

3 - Epoxy resin & hardener viscosity

5 - Multiple coats
- 2 - Desired thickness

4 - Waste and Spills

6 - Weather condition

SHELF LIFE & STORAGE :-

Nerovak Liquid Epoxy Resin - 1005 shelf life is 24 months from date of manufacturing unopend, but this shortens significantly after opening as air exposure causes oxidation and potential yellowing or thickening. Nerovak Liquid Epoxy - 1005 should be stored between@ 25° C - @ 40° C. Most two component product are naturally susceptible to crystallization, especially at temperature below recommended storage temperatures. Container should be stored in clean, dry areas with adequate ventilation. do not store product near source of heat, moisture and direct Sunlight.

