

933 Clear Epoxy Topcoat

Product Information Sheet

For reference only, not for specification use

Description

A two-component 100% solids epoxy resin. Designed as a clear self-leveling topcoat for artworks with UV- yellowing resistant properties.

Uses

Glossy topcoat for various substrates, wood, concrete, stone and epoxy, for jewelry, furniture and countertop, etc

Packaging

933 is packaged in kits as pre-proportioned batches for error free job site mixing and application.

Surface Preparation

Surface of concrete or other substrates must be dry and relatively free from contaminants or bond-breakers. Loose or soft substrate must be removed by grinding, scarifying, or shot blasting. Installation should not be carried out if ambient temperature is below 10°C, or the substrate surface temperature is less than 3°C above the dew point.

Mixing

Before proceeding with the mixing and application of the 933, the surface should be checked to make sure it is properly prepared. In addition, a mixing area should be set up nearby with the necessary equipment and material ready.

- Carefully empty the contents of the Part B Hardener entirely into the can of Part A Resin.
- Stir with an electric drill with a paint mixing paddle until completely uniform. This will take about 60 seconds. Be careful to mix the contents completely to avoid weak spots in the HI-POLY® 933 system.

Application

Spread the mixed material evenly by screed, roller, brush or other appropriate methods.

Clean Up

Tools should be cleaned immediately after use with denatured alcohol. Solvents such as Xylol, acetone or paint thinner can also be used. But care should be taken before using any flammable and hazardous solvents.

General Product Data	
Color	Clear colorless
Mix ratio by weight	A:B =2:1
Pot life [#] , 100gm @ 25°C	45-60 minutes
Curing speed @ 25 °C	Cure in 8-18 hours 7 days fully cured
Shelf Life	1 year in unopened containers
Hardness, Shore D	80-84
Heat Resistance, °C	53 (Continuous) 70 (Intermittent)
V.O.C. Content (ready to use) Method 24	<50g/L
Suggested thickness	0.8 -1.5 mm

[#]Larger mass or higher temperature may significantly reduce pot life.

* All measurements taken @25°C unless otherwise noted.

Disposal

Dispose in accordance with local regulations. Use licensed hazardous waste company. Empty containers may contain product residue, including flammable or explosive vapor. Do not cut, puncture or weld on or near container. All label warnings must be observed until the container has been properly disposed.

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