

Product Data Sheet:

Hi-Build Artwork Resin



Hi-Build Artwork Resin is a two-component, high viscosity resin that produces a 3D domed effect. It is particularly suited to blob art, dot art, geode resin art and creating structural or domed shapes. It can be used on many surfaces such as canvas, wood, MDF, glass, Perspex, concrete and metals.

- Solvent free and odour free
- Easy to use 1:1 mix ratio
- High build formula, up to 20mm thick per drop
- Exceptional UV resistance
- Non-flammable and non-toxic

HOW TO USE IT:

Mixing

Mixing Ratio: By weight: 100 parts resin to 100 parts hardener, By Volume: 100 parts resin to 100 parts hardener. The mixing ratio must be accurately followed. It is not possible to change the ratio. This would result in lower mechanical properties and the resin not drying properly. The mixture must be thoroughly stirred to ensure full homogeneity. Epoxy systems tend to heat up much faster in a pot than as a thin film. Mix only the necessary amount usable within the pot life. Mix until it is a uniform colour & consistency (usually 3-4 mins). Add resin pigments once mixed.

Application

Apply by hand. If it's too gloopy to measure properly simply pre-warm the containers (place in hot water to lower viscosity).

BUBBLES: Any bubbles created by hand mixing can be easily popped by using a sharp object or by passing warm air over the surface of the resin with a blowtorch or hot air dryer on slow speed settings. Do not hold closer than 30cm to your artwork otherwise you risk creating ripples and dimples in the resin finish. If you use alcohol inks DO NOT use a flame to remove the bubbles, as alcohol is flammable.

DUST: You will need to protect the piece from dust accumulation for at least 12 hours. You can do this by using a dustsheet or an upturned box to cover the piece.

CURING TIME / POT LIFE @ 23°C:

Pot life	15-20mins
Film Touch Dry	2-3 Hours

Shelf Life

One year in sealed containers. Keep containers away from heat or cold.

SAFETY

Refer to the Material Safety Data Sheet for information on correct handling and application of the product.