

TABLE TOP EPOXY



Available in Quart and Gallon Kits

PRODUCT INFORMATION:

MAS Table Top Epoxy Resin System is a 100% solid, two-component, one to one by volume room temperature curing epoxy resin system for coating bar tops and table tops. It cures to a clear, glass like finish that resists scratching and yellowing. The system demonstrates excellent non-blushing properties and will not distort with age.



Application Tips

MAS Table Top epoxy is a simple, 1:1 mix ratio, self leveling system that cures with a clear mirror finish. Ideal for coating tables, bars, floors, furniture and more.

MAS Table Top Epoxy system is ideal for:

- Furniture
- Tables
- Bar Tops
- Artwork
- Floors
- Frames

Table Top Epoxy

Easy-to-use Table Top Epoxy that cures clear and has multiple applications to make surfaces glossy and durable.



- Pour epoxy equally parts A & B at a 1:1 mix ratio.
- Mix parts A & B in a mixing cup and stir until epoxy becomes bubbly. About 3-5 minutes.
- Pour epoxy in a “S” shape across surface.
- Using a foam brush, spread epoxy across surface evenly.
- Once surface is covered. Let epoxy set for 5 minutes.
- Using a heat gun or blow torch, hold flame or heat about 6-8 inches above surface to get rid of bubbles.
- Wait for epoxy to cure. Lightly sand and apply the second coat.

Application Tips

For best results this product should be used at 70-80°F. A thin seal coat should first be applied to the table top or bar top and any object that will be embedded. Delicate objects that may be damaged by epoxy resin such as photographs, may need to be sealed with an alternate clear coat (i.e. polyurethane or acrylic sealers) to protect them prior to embedding. Once the seal coat has set, additional flood coats up to 1/8” thick may be applied. The MAS Table Top Epoxy Resin system can usually be re coated in 4-8 hours without any additional prep work or sanding.

If the previous layer is allowed to fully dry, the surface should be scuff sanded with 220-230 grit sand paper for optimal adhesion between coats. After sanding the surface should then be wiped with a solvent such as acetone or denatured alcohol to remove dust and other contaminants. Allow the surface to dry before applying the next coat. Although resistant to yellowing, this product is not recommended for continuous outdoor exposure to UV light and finishes may slowly lose their gloss or discolor over time if left outdoors.

PHYSICAL PROPERTIES	Value	Test Method
Color	Clear	Visual
Izod Impact, Notched, ft/lb/in	0.76	ASTM D256
Tensile Strength, psi	7,400	ASTM D638
Tensile Modulus, psi	382,000	ASTM D638
Tensile Elongation, %	5.9	ASTM D638
Compressive Strength, psi	10,400	ASTM D695
Flexural Strength, psi	12,800	ASTM D790
Flexural Modulus, psi	373,000	ASTM D790
HDT, Room Temperature Cure °F	118	ASTM D648
HDT, Post Cure °F	124	ASTM D648
Cured Density, g/cm3	1.11	ASTM D792
Volumetric Yield, in3/lb	25.0	ASTM D792
Volumetric Shrinkage, %	3.85	ASTM D792/D1475
Hardness, Shore D	82	ASTM D2240

HANDLING PROPERTIES	Resin/Hardener	Test Method
Density at 25°C, lbs/gal	9.7/8.1	ASTM D1475
Viscosity at 25°C, lbs/gal	9,000/2,000	ASTM D2196
Mix Ratio by Weight	100A:83B	Calculated
Mix Ratio by Volume	1A:1B	Calculated
Mixed Viscosity at 25°C, cP	3,500	ASTM D2196
Gel Time at 25°C, 150g mass, min	30	ASTM D2471