

Mandana Polymer Industrial Group

Manufacturer of Liquid waterproofing membrane Epoxy Adhesive, Epoxy Flooring part making epoxy & Polymer Detergent

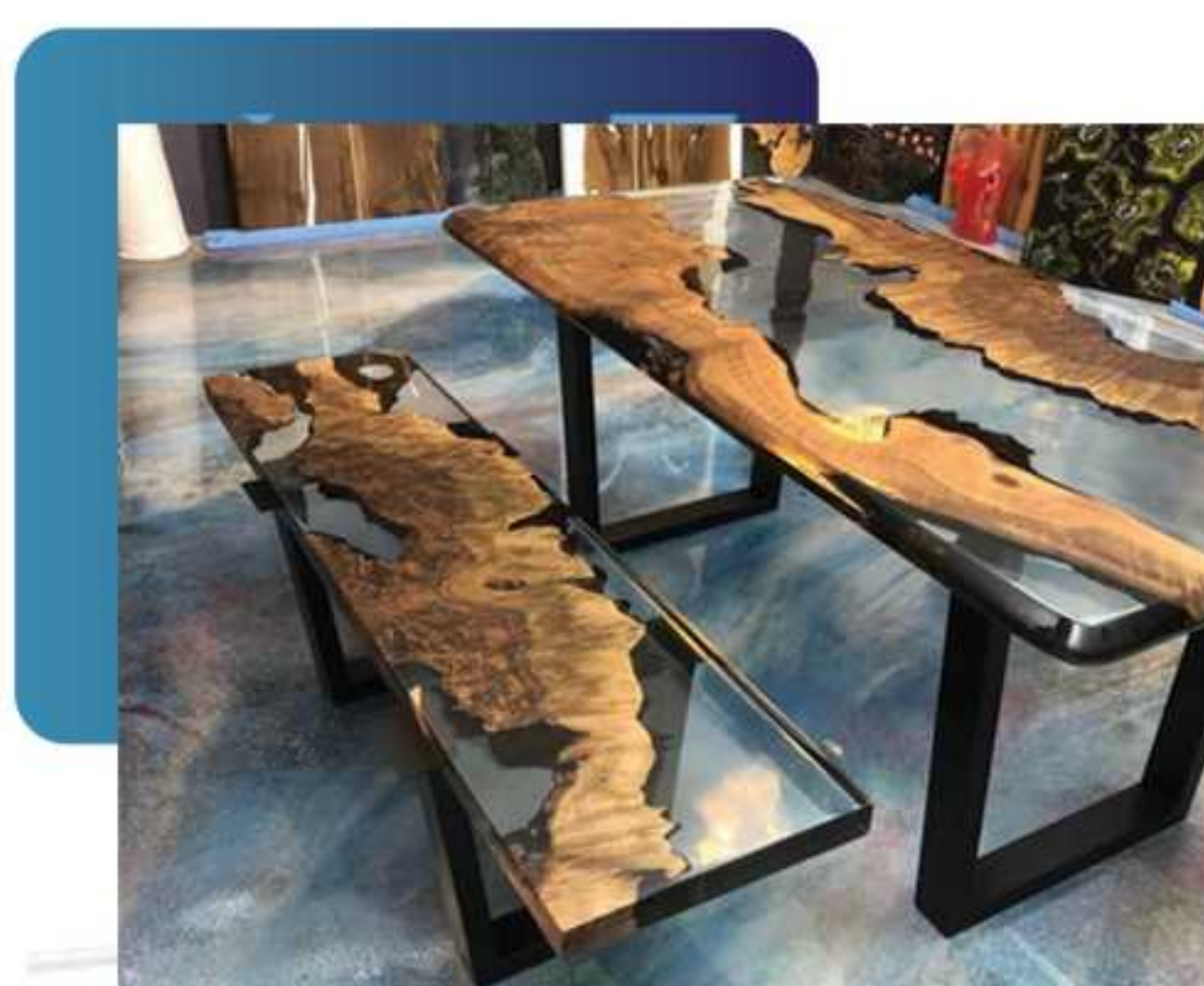
MMP Clear Coat EP810 (ultra-clear decorative epoxy resin)



Today, the practice of crafting with resin and creating a variety of beautiful structures has gained numerous enthusiasts. It's not just a form of art and enjoyment but also a potential source of income. Working with resin has attracted individuals interested in making accessories and decorative items such as tables, dishes, panels, and ornaments

Features/application/consumer

Feature	Application	Consumers
<ul style="list-style-type: none"> ● Strong mechanical and chemical characteristics ● Super high gloss ● Scratch resistant ● Chemical resistant ● Waterproofing capability ● Odourless ● Ideally compatible for Non-Slip Flooring System ● Solids %100 ● Resistant to high temperatures ● Solvent-free ● No shrinkage or volume reduction ● Optimal gel time ● Bubble-free and requires no de bubbling during use ● Highly transparent and easily tinted with (various colours (powder, paste, ink ● Optimal viscosity and fluidity ● Offers high durability and resistance to abrasion 	<ul style="list-style-type: none"> ● Clear topcoat floors such as flake systems ● 3D epoxy flooring systems ● Home decor projects, such as epoxy resin tables, kitchen tops and countertops ● Epoxy resin art, paintings, crafts and jewellery ● Moulding, casting and potting 	<ul style="list-style-type: none"> ● Resin accessory makers ● Crafters of resin wood tables ● Creators of resin containers ● Abstract paintings ● Crafters of resin clocks ● Manufacturers of resin jewellery



Characteristics

Mixing resin and hardener (%)	2 parts resin:1 part hardener
Coverage	1kg covers 1-5m ²
T (working environment)	20-30°C
Moisture	<4%
Gel time (25°C)	50min
Touch drying	8 hours
Implementation of the next layer	18 hours
Full cure (25°C)	2-7 days
Applicable surfaces	Board, glass, silicon mold, metal, concrete

How to apply

-Measure resinEP810 (part A):Hardener (part B) according to the mixing ratio

Example: To prepare a1.5kg mix, add500g of part B to1 kg of part A

-First, stir Part A mechanically for1minute at low speed(300rpm max)

-Add Part B and mix continuously for2minutes until a uniform mix is achieved

-Let the resulting mixture sit for1-5minutes before using it

-Avoid mixing at high speeds or extended times to avoid overheating and minimising air entrainment

Storage

-Store in a dry place, away from direct sunlight, water, and rain

-Avoid storing the material at temperatures below 15°C

-can be stored in its original sealed containers fo12months when placed in a cool environment (>4 °C)

-Once opened and resealed for later use, the shelf life could vary depending on storage conditions

-Always check product quality before using after prolonged periods of storage. If unsure,please contact the company for advice

Note

Keeping the resin at or close to freezing temperatures for a long time can cause it to crystallise. If this occurs, gently heat the resin container to 50-60°C to restore it

Warranty and after-sales support

The performance of this product is guaranteed for12months from the date of purchase by the end user

Safety considerations

EP810decorative epoxy resin is non-toxic, but it's advisable to wear gloves, safety glasses, and work clothes when handling it. While this material isn't classified as hazardous to health or the environment, if it encounters your skin or eyes, rinse it with water

Health & Safety Advice

MMP Clear CoatEP810is non-hazardous and solvent-free according to Safe Work Australia criteria, however, as a precaution, always provide good ventilation when applying. Wash off splashes of material with clean water, and wear gloves and eye protection. If irritation is experienced seek medical advice. Refer to the Safety Data Sheet for full safety and handling procedures