

## General Description:

EPODECOR - 800 is 100% solids, two component epoxy system with thixotropy and medium curing at ambient temperature.

## Major Uses:

It is a transparent system for decoration and protection coat of special effect paints for internal wall application. It provides hard wearing, abrasion resistance and waterproofing properties when applied to areas subjected to water spillages.

## Advantages:

- Solvent free – low odour.
- High chemical resistance.
- Hard wearing.
- Easy to clean – seamless.
- Flexible and waterproof.
- Clear and less yellowing

## Characteristics and Physical Properties:

	Resin	Hardener
Colour	Opaque	Opaque
Density @ 25°C (ASTM D 1475)	1.126 kg/L	1.028 kg/L
Viscosity@ 25°C (ASTM D 2196)	930 poise	329 poise
Storage temperature (°C)	10 - 35	10 - 35
Mixing ratio Weight	60	40
Shelf life @ 25°C	12 months	6 months
Solid content (%w)	100	100
Coverage	2 - 5 m <sup>2</sup> /kg	

## Application Characteristics:

Minimum temperature	10°C
Viscosity@ 25°C (ASTM D 2196)	689 poise
Usage time @ 25°C 100 ml. film	50' – 55' 6h – 6h30'
Gel time @ 40°C (film) @ 50°C (film)	2h50' – 3h20' 1h55' – 2h05'
Fully cured	7 – 10 days
Recommended thickness	200-500 micron

## Instruction:

Respect carefully the mixing ratio: Any variation in the mixing could irreparably undermine the characteristics of the final finished product. Thoroughly mix the two components until you get a uniform mass, avoid excessive turbulence that will cause dangerous air inclusions. It is possible to mix/distribute by hand with spatula, notched trowel, brush or roller.

Do not thin with solvents or other diluents.

## Surface Preparation:

New concrete should be cured for at least 28 days.

Remove all traces of oil, grease and other contaminants with suitable degreaser and detergent.

Remove all rust and loose materials by power tool cleaning or by wire brushing.

Apply MAS Masonry AR Primer on a concrete surface prior to the application of the next coating system to protect the surface from efflorescence.

*The above information is given to the best of our knowledge based on laboratory test and practical experience. However, as the paint is often used under condition beyond our control, we cannot guarantee anything but the quality of the paint itself. We reserve the right to change the given data without prior notice.*

## MAS PAINTS & CHEMICAL INDUSTRY

P.O. BOX NO: 23085, SAJJAH INDUSTRIAL AREA, SHARJAH, U.A.E

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## Application:

- Do not apply to wet surfaces or with temperature lower than the minimal application temperature. Areas must be first degreased, chemically and mechanically treated.
- The recommended thickness may be exceeded only in case of addition of fillers. Further layers can be applied immediately after the gel time.
- Mix thoroughly the pre-weigh Resin (Part A) and Hardener (Part B) until homogenous.
- Apply Epodecor – 800 by suitable trowel or roller for a minimum thickness of 200 - 500 microns per coat.
- If applied as a protective coat for special effect paints (e.g. Microcem, Marmorino, Stucco, etc.), ensure to apply a suitable intermediate coat for colour retention.

## Storage:

Wherever possible apply products in ventilated areas, wearing gloves, protective eyewear, barrier creams and suitable protective clothes.

Avoid contact with unhardened materials. In case of accidental contact with the skin, wash with lukewarm water and soap for at least 10 minutes. Do not wash affected areas with solvents as this may increase contamination.

Lifetime of products is referred to materials stored in sealed containers in dry rooms, at recommended temperatures and protected from direct sunlight. The expiry date is printed on the packaging. The moisture and/or storage in humid conditions may affect the characteristics of the components. At low temperatures (5-10°C)

the products may crystallize. To revert them to a usable liquid state just heat them in an oven at 70-80°C until they completely liquified. Re-homogenize and cool down to room temperature before use. The signal that the product begins to crystallize is the loss of transparency. The product may undergo a color change that does not affect the characteristics

## Cleaning of Tools:

All tools should be cleaned with Wash Thinner or Epoxy Thinner # 135 as soon as possible.

## Physiological Hazards:

Keep Resin and Hardener away from eyes and skin contact.

Good ventilation should be provided particularly in closed work areas. Keep uncured epoxy materials away from the mouth, food or drink, do not use empty tins to store food and do not empty cans into drains.

Always wear gloves and safety materials when handling this product. Clean any splashes or smears from the skin immediately, using warm water and soap. Avoid inhaling vapour. If swallowed, seek medical attention immediately. Do not induce vomiting.

For further information, please refer to the Material Safety Data Sheet of the product.

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