

## Kemapoxy 155 EM

High Build Epoxy Mastic Coating

### Description

**Kemapoxy 155 EM** is a two component, solvent-containing, polyamide cured epoxy mastic coating

#### Fields of use:

- Recommended for offshore environments, refineries, power plants, bridges and buildings.
- Recommended for chemicals & petroleum projects
- Maintenance and repair of general structural steel, tanks, pipes, ..... Etc.

### Advantages:

- High resistance to effect of chemicals & mechanical stresses
- High resistant to water, salts and chemicals
- Prevents corrosion and rust of steel
- Can be used as primer, midcoat , finish coat or as single coat
- Can be used for areas where optimum surface preparation is not possible
- High solid content and high build protective coating for steel,concrete and wood surfaces

### Technical Data :(at 25 °C)

Colour	: Degrees of grey
Solid content	: By weight (85±2) % By volume (72±2)
Density	: 1.47 kg/l
Pot life	: 4hours (decreases at higher temperatures) 48 hours
Mixing ratio A: B (by volume)	: 2:1
Mixing ratio A: B (by weight)	: 2.5: 1
Initial setting time Final	: 90 minutes
Final setting time	: 24 hours
Recoating time	: 16 – 18 hours
Full hardness	: 7 days
Min. application temperature	: 5°C
Thinner	: Kemsolve 5 (5% – 10%) If necessary
Rate of use (theoretical)	: 4.5 m <sup>2</sup> /liter for DFT 160μ = 3 m <sup>2</sup> /kg

### Directions for Use:

- Surfaces should be dry and free of rust, dust, oil and grease
- Mix component A thoroughly, then add the hardener in a correct ratio and mix for 5 minutes using a low-speed electric stirrer (300 rpm) to minimize air entrainment.
- Apply KEMAPOXY 155 EM directly by brush or roller for small areas and by spraying (pressure 250 bar and nozzle orifice 0.017 – 0.021 inch) for large areas.
- Clean tools directly after use by Kemsolv 1

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## Safety Precautions:

- Application should be carried out in a well-ventilated place.
- Gloves, protective clothing and eye goggles should be worn during application.
- Skin contaminations should be immediately cleaned with soap and plenty of water. Don't use solvent.
- If the material is splashed into the eyes, they should be immediately washed with water and then report to an eye specialist.
- Don't eat or smoke during application.

## Storage:

- 2 Years under suitable storage conditions in a closed container.

## Packages:

- Kits (A + B) 2.72 litre=4kg . 0.68 litre =1 kg
- Follow the mixing ratios indicated on the package

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