

### Kemapoxy 150 S ( Transparent )

High resistant to chemicals, and mechanical Stresses paint .

#### Description:

- **KEMAPOXY 150 S** is a solvent - free 2 components epoxy paint resisting chemicals and concentrated acids.
- Based on epoxy resin, aromatic polyamine hardner and special pigments.

#### Fields of Use:

- It is used where outstanding chemical resistance and mechanical stresses are required specially in fertilizers factories.
- Providing a resisting paint to chemicals and acids.

#### Advantages:

- High resistance to concentrated acids and alkalis.
- Adheres firmly to concrete and steel surfaces.
- High resistance to mechanical stresses .

#### Technical Data :(at 25 °C)

Colour	Transparent
Solid content	100 %
Density	1.06 ±0.03 kg/l
Mixing ratio (by weight) A:B	1 : 1
Pot life	30 minutes ( decreases with increasing temperature )
Initial setting time	7 hours
Final setting time	24 hours
Full hardness	7 days
Recoating time	After 24 hours
Min. application temperature	10°C
Heat resistance	90°C (humidity) 140°C (dry)
Rate of use ( theoretical)	215 gm/m <sup>2</sup> / 200 μ thickness

#### Chemical resistance : ( Immersion time 84 days )

Sulphuric acid	50%	ex	Ammonium nitrate 99.5%	ex
			Ammonia solution 20%	ex
			Ammonia gas 200 ppm	ex
Nitric acid	20%	ex	ex: excellent ( no softening + no bubbles + no change in colour)	
Acetic acid	20%	g	g: good ( no softening + no bubbles + slight change in colour and weight )	

# Protective Coating Products

## Epoxy Paints

### Directions for Use:

#### 1- Surface preparation

- The surface should be cleaned from dust, oil, grease and rust and any loose parts.
- If there is chemical or acids traces, the floors should be well washed with a soapy solution then water then surfaces are left to dry.
- Leave surface for 3 days to be sure for complete dry.

#### 2- Paints

- Apply a primer coat of **KEMAPOXY 101** for concrete surface or **KEMAPOXY 131** or **131 ZR** for steel surface.
- **KEMAPOXY 150 S Transparent** can be applied by brush or roller or spray after complete mixing the two components A,B and use **Kemsolve 3** for thinning (in case of spraying).
- The next layers are painted 24 hours after the previous layer .
- Wash the tools immediately after use with kemsolve 1 .

### Safety Precautions:

- Application should be carried out in 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.
- Do not eat or smoke during application.

### Storage / Shelf life:

- 2 years under suitable storage conditions in closed containers.

### Packages:

- Paints                      3kg groups ( A+B ).
- Follow the mixing ratios - by weight - indicated on the package.