

### Kemapoxy Putty 133

Non - Shrink Epoxy Adhesive Putty.

#### Description:

- **Kemapoxy putty 133** adhesive putty is a solvent free two componets product based on epoxy resin with appropriate hardening system and selected fine fillers.
- **Kemapoxy putty 133** Complies with , BS EN 12004, ES 4118.

#### Fields of Use:

- For smoothing cement based plasters and concrete walls befor application of epoxy paints.
- Repair edges and corners of stair cases, beams and columns.
- Filling and repairing cracks and voids in concretes.
- Excellent adhesive for a wide variety of materials like steel, concrete, marble, wood, polystyrene, .....etc.

#### Advantages:

- Ready to use premeasured components requires only good mixing.
- Smooth putty has a high adhesive properties.
- High mechanical strengths.
- High chemical resistance.

#### Technical Data :(at 25 °C)

Colour	White / grey
Solid content	100%
Density	1.75 ± 0.03 kg / l
Mixing ratio A:B (by weight)	10 : 1
Pot life (at 20°C)	45 minutes
Initial setting time	8 - 10 hours
Final setting time	24 hours
Full hardness	7 day
Recoating time	24 hours
Min. application temp	15°C
Adhesive strength to concrete	> 25 kg/cm <sup>2</sup>
Rate of use (theoretical)	700gm/ m <sup>2</sup> / 400 μ

#### Chemical Resistance :( Immersion time 7 days)

Sulphuric acid	50%	ex	Sodium hydroxide 50%	ex
Hydrochloric acid	20%	ex	Potassium hydroxide 50%	ex
	25%	g	Ammonium nitrate	ex
Phosphoric acid	50%	g	Fuels	ex
			Petrol	g
Nitric acid	10%	ex	Benzin	g
	20%	g	ex: excellent ( no softening + no bubbles + no change in colour)	
Acetic acid	5%	ex	g: good ( no softening + no bubbles + slight change in colour and weight )	
	20%	g		

### Directions for Use:

- The concrete or cement surface must be dry (dampness not more than 4%), firm, free of dust, laitance, oil, grease and other impurities.
- Steel surface must be dry, clean, free of rust, oil, grease.
- Galvanized, brass and aluminium surfaces must be etched using diluted acids.
- The two components of **kemapoxy putty 133** should be thoroughly mixed together using a slow speed mixer ( maximum 300 R.P.M ) .
- Apply the putty by trowel, scraper during pot life
- Clean tools by **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:

- 2 years under suitable storage conditions .

### Packages:

- Kits ( A + B )            1 kg and 4 kg .
- Follow the mixing ratios by weight indicated on the package.