

KEMAPOXY 175 L 1

Solvent Free, high Elastic Polyurethane-Epoxy System.

Description:

- **Kemapoxy 175 L1** is a multi-purpose solvent free two components system based on high elastic polyurethane epoxy resin and hardener ,
- Complies with ANSI, AWWAC 210.

Fields of Use:

- Painting cooling rooms, refrigerators until -25 °C.
- Flooring for courts and stadiums when mixed with rubber fillers.
- Painting for squash court walls.
- As a cold applied electrometric waterproofing membrane.

Advantages:

- High quality waterproofing membrane with excellent crack over bridging property.
- No harmful effect after drying.
- It can be mixed with selected filling material to get non shrink elastic mortar for courts.

Technical Data : (at 25 °C)

Colour	white / coloured
Solid content	100 %
Density kg/l	1.19 ± 0.02
Mixing ratio A: B by weight	3 A : 1 B
Pot life	30 minutes (decreases at higher temperatures)
Initial setting time	3.5 hours
Final setting time	48 hours
Full hardness	7 days
Recoating time	18-24 hours
Min. application temperature	5°C
Viscosity (Ford cup 8)	76 poise
Permeability DIN 1048	Zero
Rate of use (theoretical)	240 gm/m ² /coat (200μ)
For mortar (3filler : 1 epoxy)	0.5 kg/m ² /mm

Directions for Use:

- The substrate must be dry, clean, free of oil,... etc.
- Apply primer coat of **Kemapoxy 150 RGL** (trans.) for concrete surfaces with rate 300 g/m² then spray pure sand (**Kemastone 2000 R**) with rate 2 kg/m² before drying of epoxy .
- The two components of **Kemapoxy 175 L1** must be mixed thoroughly and applied in one or more coats using brush, roller or sprayer with rate not less than 600 g/m² .
- **Kemapoxy 175 L1** can be mixed with fine filling materials like quartz powder to obtain an elastic mortar for joint sealing and special repairing purposes and can be mixed with rubber filler for court flooring .
- 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 use.

Storage:

- 2 years under suitable storage conditions in closed containers.

Packages:

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