Kemapoxy 116 PUR
Antistatic Polyurethane Coating.

Description:
- **KEMAPOXY 116 PUR** is a two components final antistatic paint based on polyurethane resin.

Fields of Use:
- Walls and ceilings of different surfaces (concrete, plaster, cement, wood, etc).
- Electronic labs, hospitals, computer rooms and storage rooms subjected to high explosion risks.

Advantages:
- **KEMAPOXY 116 PUR** is an antistatic coating over non-conductive surfaces e.g. concrete, cement mortar, wood, ...
- High resistance to the effect of chemicals, dampness and water.
- High mechanical properties especially abrasion.
- High bonding properties on various surfaces.
- High coverage power & easy to apply.

Technical Data (at 25 ºC)
- **Colour** White (other colours are available)
- **Solid content (by weight)** 67 ± 1 %
- **Density** 1.27 ± 0.02 kg/l
- **Mixing ratio A:B by weight** 5:1
- **Pot life** 45 minutes (Decreases at higher temperatures)
- **Initial setting time** 30 minutes
- **Final setting time** 24 hours
- **Full hardness** 7 days
- **Recoating time** 12-24 hours
- **Minimum application temperature** 5°C
- **Minimum D.F.T** 100 micron
- **Minimum W.F.T** 210 micron
- **Leakage resistance** 0.09 - 0.12 Mega ohm
- **Thinner** Thinner S, Thinner L (10% when needed)
- **Rate of use (theoretical)** 255 gm/m²/coat 100 µ

Directions for Use:
- The surface to be coated should be free of dust, oils, grease and loose particles.
- A primer coat of **KEMAPOXY 116 P** is recommended for concrete & wood surfaces before application of **KEMAPOXY 116 PUR**.
- Mix thoroughly the two components of **KEMAPOXY 116 PUR** using a slow rotating electric mixer (Maximum 300 r.p.m)
- Apply **KEMAPOXY 116 PUR** using brush or roller.
- Apply one coat or more of **KEMAPOXY 116 PUR** as required and a period of 12 hours at 25°C should elapse between each two successive coatings.
- 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 in closed containers.

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