

KEMAPOXY 150 QQ

Fast Hardener Epoxy Coating and Lamination System

Description:

- **Kemapoxy 150 QQ** is a Two components , solvent free, fast hardener , non-pigmented epoxy coating & lamination system.

Fields of Use:

- Protective coating for concrete flooring and wall surfaces subject to chemical attack and high mechanical stresses.
- It can also be mixed with considerable amounts of mineral aggregates to produce non-shrink, multi-purpose epoxy mortar and grouts for crack repair and under supports of machines & steel structures.
- It can be used for steel tank lamination with fiber glass mats.

Advantages:

- Fast hardener.
- High resistance against mechanical stresses & chemical effects.
- Ready to use after mixing the two components.
- Adding fillers to Kemapoxy QQ , enables producing variety of epoxy mortar in different consistencies according to the amount of added fillers.

Technical Data : (at 25 °C)

Colour	Transparent
Solid content	100%
Density A + B	1.11 ± 0.02 kg/l
Mixing ratio A:B (by weight)	4 : 1
Pot life	15 min (Decrease in higher temperature)
Initial setting time	45 min
Final setting time	4 hours
Full hardness	7 days
Recoating time	2 - 3 hours
Min application temperature	5 °C
Temperature resistance	90 °C wet 140 °C dry
Rate of use for paints	250 gm/m ² for 200 μ thickness
for lamination	2300 gm/m ^o for 1.8 mm thickness
for mortars (Epoxy + Fillers)	2 kg/m ² for 1 mm thickness

Method of Application:

For steel tank lamination with fiber glass :-

- Steel tank is to be cleaned and sand blasted to SA 2 ½.
- Apply immediately suitable epoxy primer such as (**Kemapoxy 131**).
- Apply a putty consisting of (**Kemapoxy 133**) to all sharp edges , corners, and base of the tank.
- Apply the 1st coat of **Kemapoxy 150 QQ** on primed steel as an tacky coat , 600gm / m².
- Lay on one layer of fiber glass mat over the still uncured first coat.
- Using a steel spiral roller , roll over the applied mat.
- Apply the second finish coat of **Kemapoxy 150 QQ** (1700 gm/m²) to acheive the required total thickness of (1.8 m.m).
- In some very special case when a very smooth surface is required Apply the third coat if required more thickness (2000 gm/m²) to achieve the thickness of , (3.2 mm – 3.5 mm).

Bonding Agents & Adhesive Products

Safety Precautions:

- Avoid inhalation , ingesting , skin and eye contact.
- Avoid the system to exposure to heat, sun light and naked flame.

Storage:

- 2 years under suitable storage conditions in closed containers.

Packages:

- Kits (A+B) 1 kg and 2.5 kg.