

Kemapoxy 165 QQ

Fast curing non shrink epoxy adhesives mortar.

Description:

- **KEMAPOXY 165 QQ** adhesive mortar is pre- filled medium viscosity and solvent free, two components modified epoxy resin with an appropriate hardening system.
- Complies with ASTM C 881, BS EN 12004, ES 4118.

Fields of Use:

- **KEMAPOXY 165 QQ** is an adhesive mortar for steel to concrete and concrete to concrete.
- Anchorage of bolts.
- Anchorage of road marks on asphalt.
- To fill cracks and cavities in concrete elements.

Advantages:

- Shrinkage free and fast curing.
- High mechanical strengths.
- Good chemical resistance.
- Good adhering to concrete and steel.

Technical Data :(at 25° C)

Colour	Grey
Solid Content	100%
Density	1.95 ± 0.02 kg/l
Mixing ratio A:B(by weight)	12:1
Pot life	2 hours
Initial setting time	10- 15 minutes
Final setting time	24 hours (2hours for light weight)
Full hardness	after 5 days
Min. application temp.	15 ° C
Compressive strength (ASTM D 695)	>800 kg / cm ²
Flexural strength (ASTM D 790)	> 400 kg/ cm ²
Adhesive strength on concrete (ASTM C 882)	103 kg / cm ²
Rate of use (theoretical)	2 kg / m ² / mm thickness

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	Petrol	ex
			Benzin	g	
Nitric acid	10%	ex	ex: excellent (no softening + no bubbles		
	20%	g	+ no change in colour)		
Acetic acid	5%	ex	g: good (no softening + no bubbles		
	20%	g	+ slight change in colour and weight)		

Directions for Use:

- Areas must be dry, clean and free of dust, dirt and other impurities, and if necessary they should be flamed or sandblasted.
- After thoroughly mixing both components **KEMAPOXY 165 QQ** adhesive mortar is processed by casting in holes and other areas to be glued.
- 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, these 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:

- 1 kg , 6 kg (A+B).
- Follow the mixing ratios – by weight – indicated on the package.