

## PAINTCO EPOXY MORTAR / 2 PACK SOLVENT FREE 9566

### DESCRIPTION

- Paintco Epoxy Mortar / 2 pack Solvent Free is based on solvent free epoxy resin and hardens when mixed with hardner without shrinkage and is easily workable. The mortar is generally used for repair of reinforced concrete beams or columns, damaged floors and cracks. It can be also used for smoothening and leveling of concrete surfaces.

### PHYSICAL DATA

No. of components	:	Two
Mixing ratio by weight	:	Base : Hardner 1.6 : 1
Pot life after mixing at 30°C	:	30 minutes
Time for application	:	30 minutes
Mixing ratio of base + hardner: sand	:	1 : 6 by weight
Time for hardening of film at 30°C	:	4 hours
Max. coating thickness	:	4 - 5 mm
Volume Solid%	:	100%
Shelf life	:	Individual components (unmixed) 1 year

### APPLICATION DATA

- The concrete surface must be thoroughly dry and clean. Remove all traces of oil, grease and loose particles. Reinforcement iron visible, must be derusted and treated with Paintco Epoxy Sealer / 2 pack 3993 .
- Paintco Epoxy Mortar / 2 pack Solvent Free is supplied in 2 components which should be intensively mixed using mechanical agitator. The quartz sand should be mixed with the mixture of resin and hardner in the ratio of 6 : 1 by weight. Before application of the mortar, Paintco Epoxy Sealer / 2 pack 3993 is to be applied on the areas to be repaired. The mortar mix then can be applied by steel trowel wet on wet over the surface.

### REMARKS

- The product must be applied within its pot life. To achieve high mechanical strength the mortar should be laid in 1-3 mm thick. The rate of cure is slower than the pot life. It is also dependent on temperature and humidity. The mortar should not be used below 5oC. Full chemical resistance is achieved after curing for 7 days.
- It is advisable to use gloves and protective goggles. Adequate ventilation must be provided. The trowel knives must be cleaned immediately.