

## METHODOLOGY FOR APPLICATION OF MYK GROUT EP 750

### Description:

**MYK Grout EP 750** is a three component free flow, high strength epoxy resin grout designed for grouting of gaps of 10 to 70mm. It gives compressive strength Approx 78 N/mm<sup>2</sup> in 7 days.

**Packing:** 19 Kg pack

### Methodology for Application:

**Step-1:-** Mixing of **MYK Grout EP 750**

**Step-2:-** Application of **MYK Grout EP 750**

### Mixing of MYK Grout EP 750:

The preweighed pack is supplied in 3 component consisting Resin, Hardener and Filler. Mix the resin and hardener individually for 3 minute the entire content of Hardener is added into the Resin container and mix thoroughly. Now add filler content into the mixture and mixed thoroughly by a mechanical means until a homogeneous mass is obtained.

### Application of MYK Grout EP 750:

- It is essential that the machine mixing capacity, material supply and labour availability is adequate to enable the grouting operation to be carried out continuously. This may require the use of a holding tank, with provision for gentle agitation to maintain fluidity.
- Immediately prior to placement, the mixed grout should be briefly agitated to release any surface tension. At 25°C, place the grout within 15 minutes of mixing to gain the full benefit of the expansion process
- The material can be placed in thicknesses up to 100 mm in a single pour when used as an under-plate grout. For thicker sections, it is necessary to fill out **MYK Grout EP 750** with well-graded silt free aggregate (50% - 100% by weight) to minimize heat build up. Typically a 10mm aggregate is suitable.
- Any bolt pockets must be grouted prior to grouting between the substrate and the base  
Continuous grout flow during the grouting operation is essential. Sufficient grout must be available prior to starting, and time taken to pour a batch must be regulated to the time taken to prepare the next one.
- The mixed grout should be poured only from one side of the void to eliminate the entrapment of air, or surplus pre-soaking water. The grout head must be maintained at all times so that a continuous grout front is achieved.
- When the grout reaches the open side of the formwork, and rises above the underside of the base plate, pouring should continue slowly down the length of the base plate until completed.

### Application Areas:

Heavy vibrate machineries, base plate of generators.

### Consumption:

Yield= 9.5 lits for 19 Kg pack.