

METHODOLOGY FOR APPLICATION OF MYK GROUT M-50

Description:

MYK Grout M-50 free flow, non-shrink, high strength, expansive grout for machinery foundation. It gives compressive strength Approx.58 N/ mm² in 28 days.

Packing: 25 Kg pack

Methodology for Application:

Step-1:- Mixing of **MYK Grout M-50**

Step-2:- Application of **MYK Grout M-50**

Pre soak the concrete surface with lot of water before doing the application. Where and all water tight shuttering to be used for leak proof.

Mixing of MYK Grout M-50:

Take 4.5 lit of water into a clean container. Then add 25 kg pack of **MYK Grout 50** into the container and mixed well with a slow speed drilling machine fitted with a paddle until a homogeneous mass is obtained.

Application of MYK Grout M-50:

- 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 M-50** 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:

Turbine, generator, compressors, boilers etc.

Consumption:

Yield- 13 lit @ W/P ratio 0.18 for 25 kg pack.