



# PACTOGROUT MEG

Mass Grouting Low Exothermic Epoxy Grout

PRECISION GROUTS

## DESCRIPTION

**PACTOGrout MEG** is a solvent free, three component, free flow epoxy grout designed for mass grouting. Due to its low exothermic reaction, it is particularly suitable for grouting at high ambient temperatures.

## TYPICAL USES

**PACTOGrout MEG** can be used for grouting heavy machinery base plates, compressors, generators, turbines, centrifugal pumps, bolt pockets, crane rails, bridge bearing, stanchion (steel column) base plates, reprofiling-waterproofing of pile head and areas where rotary / reciprocatory movements are encountered. It is used as a grout media to transfer dynamic load effectively. Ideal for chemical plants, refinery, oil & gas, water industry and structural encasing.

## ADVANTAGES

- Pre packed, ready to use
- Solvent free, no shrinkage
- High mechanical strength
- Can be used from 30 mm to 300 mm in single layer without generating excessive exotherm
- Curing is not affected by high humidity
- Impact and vibration resistant
- Good chemical resistant
- Good adhesion to most of the surfaces

## TECHNICAL DATA (TYPICAL PROPERTIES at 25°C)

PROPERTY	TEST METHOD	VALUE
Component : Three		Part A -Base Part B –Hardener Part C- Filler
Mixed Form -		Flowable paste
Colour		Grey When Mixed
Mixed Density		2.1 kg/ltr +/-0.05

PROPERTY	TEST METHOD	VALUE
Compressive Strength	BS 6319-2	50 N/mm2 at 3 days 90 N/mm2 at 7 days
Flexural Strength	BS 6319-3	30 N/mm2 at 7 days
Tensile Strength	BS 6319-7	15 N/mm2 at 7 days
Pot Life		100-120 minutes(2 kg mixed materials)
Bond Strength	ASTM D4541	> 2.5 N/mm2 at 7 days (Concrete failure)
Water Penetration	BS EN 12930-8	Nil
Chemical Resistance	ASTM D543	Resistance to alkalis, fuels, acids, oils, etc.

## PACKAGING

10 ltr and 20 ltr set

## APPLICATION INSTRUCTIONS

### SURFACE PREPARATION

All surfaces should be dry, clean, free from standing water, grease, curing compounds, mould oils and all loosely adhering particles. Cement laitance should be removed by mechanical means. Roughen surfaces with chipping to ensure good bonding. Steel surfaces must be clean & rust-free.

### MIXING

Mix base and hardener thoroughly with a slow speed drill (max 400 R.P.M.) for 1 minute in a suitable container. Add filler component slowly and continue mixing until a flowing uniform colour of grout is achieved.



## FORM WORK

The formwork should be watertight. Sealant can be used to seal gaps between form work and the concrete, as well as joints in the form work. Alternatively, PACTORep WaterPlug can be used to fill the gaps between formwork and concrete.

## APPLICATION

Place the mixed grout within the potlife of the product. Bolt pockets should be grouted first. Stop the grout 5-10 mm below the top surface of the bolt pocket. Grouting of base plate should be carried out continuously. Ensure to have enough grout in place prior to starting. Start pouring the mixed grout from one side of the formwork to prevent entrapping of air. This can be achieved by pouring the grout to the shortest distance. During application ensure entrapped air is able to escape through relief holes. Maintain continuous head during the grouting. Grout flow should not be interrupted. Check for any grout loss through the form work or between any unsealed joints. Plug the same using PACTORep WaterPlug. For difficult voids, a metal strap or chains may be used to assist grout flow.

## NOTE

**PACTOGrout MEG** can be applied from 30 mm to 300 mm thickness in single layer. Grouting more than 300 mm thickness should be done in multiple layers as per site requirement. Before continuing with the second layer of grouting, ensure the previous layer has hardened and cooled.

## STORAGE AND SHELF LIFE

Shelf Life 12 months from date of manufacture when stored under warehouse conditions in original unopened packing. Extreme temperature/humidity may reduce shelf life.

## EQUIPMENT CLEANIN

Clean all equipments and tools with PAC Cleaner immediately after use.

## HEALTH AND SAFETY

PPE's: Gloves, goggles & suitable mask must be worn.

Precautions: Contact with skin, eyes, etc. must be avoided. If swallowed seek medical attention immediately.

Hazard: Regarded as non-hazardous for transportation.

Disposal: Do not reuse containers. To be disposed off as per local rules and regulations.

For additional information pls. refer to MSDS, available on request.



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