

EPOMAST PIN GROUT-RAPID

Rapid Setting, Epoxy Resin Based, Free Flowing Grout

Description

EPOMAST PIN GROUT - RAPID is a three pack high density grout with free flow characteristics. It has been specially developed to give rapid setting and high early strengths even in wet applications. It is particularly suited to the setting of anchoring bolts, dowels and starter bars into horizontal plane concrete, rock and masonry.

When cured it possesses extremely high mechanical strengths, adheres tenaciously to most sound building surfaces, is water-proof and resistant to a wide range of chemicals.

Typical Strengths after Full Cure

Compressive 80 N/mm², **Tensile** 16 N/mm², **Flexural** 38 N/mm²

Cure Time

Full cure is after 3 days at 20°C with approximately 60% of strengths achieved after 24 hours. With most applications material can be put into service within 6hrs, depending upon anticipated load levels. Lower temperatures will prolong cure time, and material will not develop strength below 5°C.

Colour

Standard colour is brown but concrete grey is available on request subject to minimum quantity.

Use

Surface Preparation

For best results surfaces should be sound, clean, free from laitance, dust, oils or other deposits. **EPOMAST PIN GROUT - RAPID** can be used in damp or wet conditions.

Mixing

Drain entire contents of Base and Hardener packs into clean plastic bucket or similar and mix thoroughly. While continuing to mix, add in gradually the entire contents of the Filler pack to obtain a completely uniform blend. Packs should preferably be mixed using a powered paddle mixer.

As viscosity and flow characteristics are influenced by temperature, before mixing, the pack should preferably be brought to a temperature of 15-20°C either by means of ambient storage temperature or by application of indirect heat. When working in low temperatures a small quantity of the Filler may be omitted in order to restore flow characteristics.

Application

Immediately after mixing pour material into prepared holes. If anchors are not preset then they should be placed immediately after the hole is part filled. Slight agitation or twisting whilst the material is still at maximum fluidity will improve the bond achieved. The application must allow for displacement of air.

Do not apply in temperatures below 5°C.

Yield

Approximately 600cu. cms. per Kg.

Resin-Based Construction Materials

Pot Life

This is influenced by temperature, volume of mixed material and type of container. Lower temperature, smaller volume and a wider container giving a shallower bulk of material, will extend pot life. Under normal conditions a pot life of approximately 15 minutes can be expected.

Cleaning of Equipment

Use **RESOKLENS** for cleaning equipment **immediately** after use and before material has set firm.

Storage

Keep all containers sealed, store at room temperature and away from direct heat. Under normal temperate and dry conditions a storage life at least a year can be expected.

Health & Safety

EPOMAST PIN GROUT - RAPID should be handled carefully and skin contact, exposure to high vapour concentrations and ingestion avoided. Wearing of overalls, gloves and protective eyewear should be considered together with the application of a suitable barrier cream to hands where necessary. Proper regard should be given to the precautions necessary when storing and handling flammable solvents that are present in **EPOMAST PIN GROUT - RAPID** and in **RESOKLENS**.

Refer to separate **EPOMAST PIN GROUT - RAPID** and **RESOKLENS** Health and Safety leaflets.