



CLASSIC STRONG GROUT-231

A High Performance Free-Flow Epoxy Resin Grouting System

Product:

Classic Strong Grout-231 is a three-pack solvent free, free flow, epoxy resin grout.

Description:

Classic Strong Grout-231 is a filled grouting system formulated to give good flow properties without filler separation or excessive aeration. It also has good flow properties at either ambient or higher temperatures. **Classic Strong Grout-231** has excellent curing characteristics. Due to heat generation, care should be taken in using this grout in thick sections (greater than 20mm) at ambient temperatures of 20°C or above.

Advantages:

- Non-Shrink, free flowing.
- Excellent adhesion property.
- Excellent chemical and weather resistance.
- Very High early and ultimate strength.

Purpose:

For the precision grouting of heavy duty rails, machinery, compressor, dowel bars and studs, etc.

Packing:

Available only in 5 Litre Container

Typical Properties:

Colour-----Light Brown

Density-----1.8

Usable life after mixing-----40 mins at 30°C

Compressive Strength @ 30°C

1 day-----800 Kg/cm²

7 days-----1000 Kg/ cm²

Tensile Strength @ 30°C

1 day-----180 Kg/ cm²

7 days-----200 Kg/ cm²

Flexural Strength @ 30°C

7 days-----500 Kg/ cm²

Temperature Limitation

1. Mixing and Grouting-----10° to 30°C
2. Service-----10° to 30°C

Where to Use:

1. Machine base plates and crane-rail grouting.
2. Anchoring of steel reinforcement, girders and post-tensioned cables in concrete and stone.
3. Joining precast concrete units, concrete to concrete and concrete to steel.

How to Use:

Surface Preparation:

1. All surfaces must be cleaned thoroughly, and all contaminations fully removed by chemical or mechanical methods.
2. All bolt pockets and under bases must be free from dust, laitance and of sound substrate. If needed, substrate must be hacked to provide extra mechanical key.

Mixing:

Classic Strong Grout-231 comprises of three components, the resin BASE, the HARDENER, and the AGGREGATE which are supplied pre-weighed in the correct proportions. The ease of mixing in cold weather is aided by storing tins in warm atmosphere. It is essential that the AGGREGATE is kept dry and free from frost. When required for application the HARDENER should first be poured into the can containing the BASE and drained well. The two components should be thoroughly mixed, preferably with a mechanical stirrer, e.g. An electric drill with stirrer attachment, until a uniform clean liquid is obtained.

The liquid should then be added to the AGGREGATE and thoroughly blended in until all the aggregate has been wetted out and the mortar is of uniform colour and consistency.

Placing:

Pour the mixed grout from one side only, till the grout rises to the required height on the opposite side. Ensure continuous pouring to prevent voids.

Cleaning:

Tools should be cleaned with TOLUENE or XYLENE immediately after use.

CLASSIC STRONG GROUT-231

A High Performance Free-Flow Epoxy Resin Grouting System

Handling Precautions:

Cleanliness in handling epoxy resins is essential to prevent skin irritation. Gloves must be worn and use goggles to prevent contact with eye. Any splashes on skin should be washed with water and medical advice sought.

Storage:

Classic Strong Grout-231 may be stored for a year in manufacturer's undamaged, sealed containers in dry conditions and out of direct sunlight.

How to Specify:

Surfaces should be prepared in accordance with the instruction on the use of **Classic Strong Grout-231** should be mixed and applied strictly in accordance with the instructions of the manufacturers, **PRIMADONN Buildtect Pvt. Ltd.**

Variety of Products:

Following are the other similar products from Primadonn Buildtech Pvt. Ltd.

- Classic Anchor Grout
- Classic Floor Top-HD
- Classic Floor Top-HT
- Classic Floor Top-HTL
- Classic Grout Admix
- Classic Groutmate-400
- Classic Groutmate-600

S



Primadonn Buildtech Pvt. Ltd.

(An ISO 9001:2015 Certified Company)

No: 349, RS Road, Srinivasa Nagar, Kavaraipettai, Gummidipoondi, Chennai-601206.

Phone: +91-9514709240

Mail: support@primadonn.com

www.primadonn.com