



CHEMORGROUT 200

CEMENT GROUT/READY TO USE
NON-SHRINK, NON-METALLIC
NON-CORROSIVE

DESCRIPTION

CHEMORGROUT 200 is a premixed, ready to use cement grout containing a blend of specially selected and proportioned fillers. Just add water.

This product is exceptional because of its fast set, initial and controlled gaseous expansion which counteracts shrinkage due to segregation and drying. Also it contains no metallic or corrosive additives (eg. calcium chloride).

ADVANTAGES

The product is scientifically balanced, proportioned and premixed under strict quality control.

Various consistencies are available to fit the particular job; just vary the quantity of added water (see "Directions for use").

- Dry
- Plastic
- Flowable

Non-corrosive.

Non-metallic (non staining).

High compressive strength.

USES

The product is used to construct the base plates for heavy machinery, footing of framework columns; cementing sealing plates, anchorage bolts, foundations and underpinnings; filling and pat-

ching concrete.

CHARACTERISTICS

Packaging : Cement-grey powder in multiple layer paper bags laminated with polyethylene for maximum resistance to humidity.

Yield :
Each 25kg bag gives approximately 13L (0.013m³) of liquid grout.

Initial set:
Approximately 2½ hours.

Final set :
Approximately 4 hours.

Shrinkage :None.

Expansion: at hardening:less than 0.4% following CRD-C589-7.

Freeze-thaw resistance (ASTM 666): Excellent.

Service temperature: 0-175°C.

Packaging: 25 kgs moisture proof bags.

Storage life: one year in original unopened container, stored in a dry place.

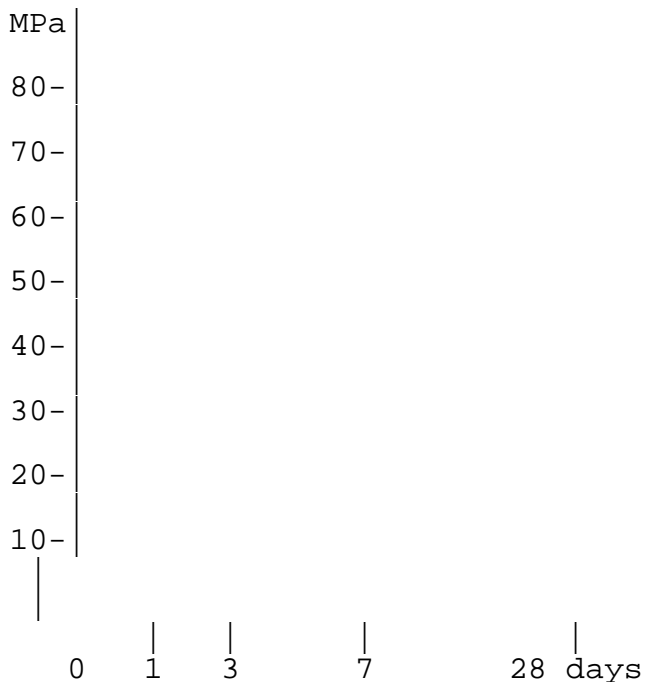
For best results store between 15-25°C.

Consistency	Water/Bag 25kg (Litres)
Dry	3.5
Plastic	3.9



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Compressive strength / time
 for three consistencies
 ASTM C-109



LIMITATIONS

This grout must not be exposed to freezing while curing.

SURFACE PREPARATION

The surface must be clean, damp, free of oil, grease, laitance, dust and all other contaminants. It is recommended to roughen the surface for best adhesion. In special cases, or if there is any doubt, seriously consider using a bonding agent, such as CHEMORCRETE SB/emulsion type, or CHEMORBOND epoxy type.

If the use of an adhesive is not considered, saturate the surface with water for 24 hours before applying the grout.

All standing water must be removed before application.

Position and anchor all pieces where the grout will be used. Forms for retaining the grout under the base plates must be solid and impervious in order to prevent any leaking.

MIXING AND PLACING

NOTE:

For deeper fillings CHEMORGROUT 200 can be mixed with up to 50% of washed aggregate of up to 10mm size.

A mechanical concrete or mortar mixer is recommended for preparing the grout.

Depending on the consistency required, put between 3.5 and 4.25 litres of water in the mixer and slowly add under agitation the contents of a 25 kg bag of the product. Continue mixing for at least three minutes. Any of the mixed grout that is not immediately placed should continue to be mixed until used.



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Mix only the quantity of grout that can be used in 30 minutes. Mixed grout that has not been used after one hour should be discarded.

CURING

The applied grout must be damp cured (wet tarpaulin) for 24-36 hours, then a liquid curing membrane can be applied over the surface.

SAFETY

Avoid contact with the skin and eyes(alkalinity of cement).

Clean tools with water while the grout is still fresh.

Refer to Material Safety Data Sheet.