CEYAKRETE

construction chemicals & coatings

CONSTRUCTION GROUT

NON - SHRINK

DESCRIPTION

CEYAKRETE Construction Grout is a ready to use, general purpose,natural aggregate,cementitious grout with an unique shrinkage compensating mechanism.

RECOMMENDED TO USE

- General purpose grouting
- Machine and column base plate grouting
- Bridge bearing plates
- Bedding joints in pre-cast concrete sections
- Underpinning
- Anchor bolts and bars
- Concrete repair

FEATURES AND BENEFITS

- Can use as a flowable and self levelling grout
- Trowel-apply is possible
- Shrinkage compensated properties in both plastic and hardened states
- High compressive strength
- Non-metallic, will not stain or rust
- Chloride free
- Can be used over a wide range of water additions
- Good bond to concrete

ESTIMATING DATA

Water Addition for 25kg bag

Flowable consistency	4.5 liter
Trowellable consistency	3.2 - 3.4 liter

Typical yield of 25kg bag

Flowable consistency	13.5 liter
Trowellable consistency	12.5 liter

APPLICATION

Surface Preparation

01. The substrate should be properly prepared and should be free from contamination, laitance and loose material.
02. Thoroughly saturate the substrate with water at least 2-3 hours prior to pouring the grout.
03. All free water ponding should be blown out of the void just before pouring the grout.

Mixing

04. CEYAKRETE Construction Grout should be mixed using a suitable mixer;
    - For small volumes up to two bags - Flowable consistency -hand drill and peddle-mixing
    - For larger volumes-special grout mixers (<500rpm)
    - Drum type mixers may provide poor mixing.
05. The correct volume of water should be added to the mixer followed by the powder.
06. Mixing should continue for about 3- 5 minutes until the grout has a smooth, lump free appearance.

Application Method

07. Within 15 minutes after mixing, place grout into forms in normal manner to avoid air entrapment.
08. If a shape shoulder is required, it should be formed before the grout has reached its final set.
09. Carefully remove the formwork once the grout is self-supporting and trim or shape exposed grout shoulders to designed profile with a trowel.
10. Preferably the shoulder should be cut to a 45^0 angle to minimize stresses.

CLEANING

11. Clean tools and equipment with water immediately after use.

CURING

12. Curing is essential to prevent rapid drying of the grout and shrinkage caused by water loss.
13. Curing should be effected by accepted methods such as curing compounds, covering with polythene sheets, wet hessian or water ponding.

GENERAL GUIDELINES

14. When mixed CEYAKRETE Construction Grout with different aggregates, prior lab or site trials to be carried out to verify the required product properties.

PACKAGING

Available in 1kg,5kg and 25kg bags.

STORAGE / SHELF LIFE

CEYAKRETE Construction Grout can be kept for 12 months from the date of manufacture if stored in tightly sealed original packaging, in dry and cool enclosed area.