

PRODUCT DESCRIPTION

CEG™ is a ready to use product in powder form, which requires only the on-site addition of water to produce a non-shrink grout of predictable performance

PRODUCT FEATURES.

- Easy to mix, only add water
- Very good flow characteristics
- Rapid strength development
- High final strengths
- Initial expansion by gas generation
- Impact- and vibration resistant
- Non-corrosive
- Not flammable, non-toxic
- Shrinkage compensated

PRODUCT USES

- To grout bearings, machine foundations, columns joints in precast construction etc.
- To grout anchors in concrete.
- To grout cavities, gaps and voids in concrete.

TECHNICAL DATA

Density	2200kg/m ³
Tensile Strength	4.5MPa
Flexural Strength	9MPa
compressive strenght	60MPa
Cohesive strenght	5.2MPa

MIXING TOOLS

Mix grout powder mechanically in the correct ratio with water with low speed (max. 500 rpm) electric drill to avoid entraining too much air. Put around 80 to 90% of required water in the mixing drum, followed by CRG™ and then add the balance water. Dependent on the desired consistency and flow properties, the mixing ratio can be adjusted. Don't use concrete tilting mixer. Do not mix more grout, which cannot be used within Pot Life. **DO NOT ADD EXTRA WATER.**

HOW TO USE

Pour grout immediately after mixing into the prepared openings. Ensure that air displaced by the grout can easily escape; otherwise entrapped air will prevent full contact grouting. Wet porous substrates to saturated surface dry condition. When grouting base plates etc., ensure that a continuous and sufficient head of pressure is maintained to keep the grout flowing. To make optimum use of the products expansion properties, apply the grout as quickly as possible (within max. 15 minutes).

LIMITATIONS

Use CRG™ for grouting only; do not use CEG™ for patch repair work etc. Ensure formwork is secure and watertight to prevent movement and leaking during placing and curing. Use chilled water for mixing in case of high ambient temperature. Use hot water for mixing in case of very low ambient temperature. Depending on requirements and site conditions the addition of dry, single size and clean aggregates is possible. Trials are recommended to confirm suitability of aggregates to be used. For large bedding holes and higher gaps duly washed coarse aggregates of size 6mm down may be mixed with



Cementitious Grout- CEG™

CEG™ in the proportion of grout: aggregate= 2:1 (by weight). For additional technical information on CEG™ or other grouting materials contact the technical services department.

CLEANING OF TOOLS

Clean all tools and application equipment with water immediately after use. Hardened/cured material can only be mechanically removed.

Curing Treatment

Keep any visible, exposed grout surfaces as small as possible and protect from premature drying out by suitable measures (keep moist, cover with wet Hessian etc.).

STORAGE

Store out of direct sunlight, clear of the ground on pallets protected from rainfall. Avoid excessive compaction. Storage life is approximately 12 months when stored as above in original sealed bags. Failure to comply with the recommended storage conditions may result in premature deterioration of the product or packaging.

FIRST AID

Avoid contact with eyes and prolonged irritation. In case of contact with eyes, immediately flush with plenty of water for at least 15 minutes. Call a physician. In case of contact with skin, wash skin thoroughly

For more information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Material Safety Data Sheet containing physical, ecological, toxicological and other safety-related data.

DISCLAIMER OF LIABILITY

Buyer determines suitability of product for use and assumes all risks. Buyer's sole remedy shall be limited to replacement of product within one month. Any claim for breach of this warranty must be brought within one month of the date of purchase.

AFZIR shall not be liable for any consequential or special damages of any kind, resulting from any claim or breach of warranty, breach of contract, negligence or any legal theory.

The Buyer, by accepting the products described herein, agrees to be responsible for thoroughly

testing any application to determine its suitability before committing to production.