COMPAKTUNA®

GROUTMIX CA

Shrink-resistant grout mortar

CE
13

COMPAKTUNA® bv/srl
INDUSTRIEPARK ZWIJNAARDE 6
9052 GENT – BELGIUM

0965

041/CPR/130701
EN 1504-3 :2006

GROUTMIX CA

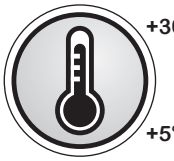
Mortar based on hydraulic cement (CC) for non-structural repair of concrete structures

Compressive strength: class R1
Chloride ion content: ≤ 0,05%
Adhesive Bond: ≥ 0,8 MPa









CHARACTERISTICS

GROUTMIX CA is a dry, ready-for-use grout mortar based on cement with very good self-flowing and excellent adhesion properties, appropriate for use both indoors and outdoors.

GROUTMIX CA consists of cement, different kinds of selected quartz sand and high-quality additives. By simply adding water, one obtains a shrinkresistant grout mortar with a high final strength that bonds perfectly to concrete, mortar and steel.

GROUTMIX CA has shrinkage compensating and fast curing properties, thus allowing the installation or the machine to be taken into service quickly. It's used for the shrink-free grouting of pylons, rails, sections, anchor bolts, machines,...

Technical parameters		Measured values MPa (N/mm²)
Compressive strength	after 24 h after 7 days after 28 days	ca. 35 ca. 60 ca. 70
Flexural strength	after 24 h after 7 days after 28 days	ca. 5 ca. 7 ca. 8

Mixing ratio	Consumption	Packaging
±3 L à 3,5 L water per bag of 25 kg (±12 à 14%)	±2 kg/mm/m² in powder	25 kg PE
Colours	**Processing time**	**Compressive strength**
Grey	±30 min.	after 7 days: ±60 N/mm²

GROUTMIX CA

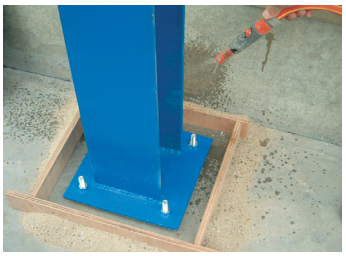
DIRECTIONS FOR USE

The application shall be carried out on a non-frozen, clean, well maintained surface free of dust and oil spots and bits of loose substances. Porous surfaces need to be lightly dampened prior to application with a layering of COMPAKTUNA®(PRO)/water solution (1/4) or with PRIMER PO.

GROUTMIX CA is prepared with ±12 to 14% of water, this being about ±3 to 3,5L of water per 25 kg of product, depending on the desired consistency. Pour ±4/5 of the required quantity in a mortar tub or in a mechanical mixer, and add slowly and steadily the dry grout mortar. Mix everything intensively with a mixer running at a low speed during 2 minutes until a mass without lumps is obtained. Next, add the remaining 1/5 of the amount of water. The grout mortar is then mixed for at least another 2 minutes.

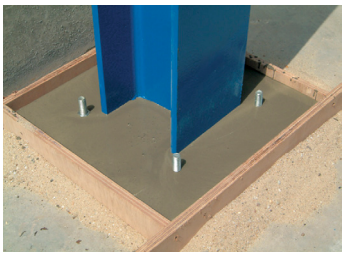
When casting GROUTMIX CA, work from one side (side or angle) only in order to avoid any inclusion of air. Try to pour continuously as much as possible to avoid that the product is no longer applicable. GROUTMIX CA can be poured, pumped and vibrated.











REMARKS

- Always observe precisely the correct amount of make-up liquid; adding too much water will lead to poor results.
- The maximum thickness of the layer is 8 cm.
- The total layer thickness of GROUTMIX CA is maximum 4 cm. For layer thicknesses from 4 cm to 8 cm, we advise to mix in 10 kg of boulders of caliber 3 to 8 mm per bag of product, mixing it dry, and mixing the dry mixture with ±3,5 L of water. Only use as much water as needed to obtain a lasting homogenous mass.
- The processing temperature is from +5 °C to +30 °C (this applies to the surface as well to the ambient temperature around). During cold weather, prepare GROUTMIX CA with warm water, if necessary.
- The best results with GROUTMIX CA are obtained when the product is applied within 10 minutes after mixing.
- GROUTMIX CA does not contain any chlorides or metal particles but offers excellent protection against corrosion for metal elements due to its alkalinity.
- Protect curing GROUTMIX CA from freezing, rain, strong winds and direct sunlight. During curing, protect GROUTMIX CA from drying out by covering it with a plastic foil or by regularly keeping it wet with a fine water spray.
- The processing time of GROUTMIX CA is 30 minutes.
- Cracks, if any, that could appear are only surface cracks and have no adverse effect on the success of the grout job.
- Resistance class: 60 N/mm² after 7 days.
- Maximum grain size: 4 mm.

PACKAGING

GROUTMIX CA is available in grey colour in polyethylene bags of 25 kg. The shelf life is 12 months in the original, closed packaging and kept dry.

20230427

As the applications of our products are diverse, no single application guideline can be laid down. All product data refl ect the state of knowledge of our products at the time of publication. Therefore all suggestions and recommendations concerning the use of our products are merely illustrative. Apply the product on a small and insignifi cant spot before starting to use our products to be sure the desired result is obtained. Always ask for the technical sheet of our products. Visit the website www.compaktuna.be. Consult our "technical department" which can be reached for free on the green number 0800/92279. The Dutch text shall be exclusively binding. Version 10/02/2014. **COMPAKTUNA BV is EN ISO 9001 certified.**

COMPAKTUNA®
Quality & Innovation

A MEMBER OF HOLCIM GROUP

COMPAKTUNA bv/srl
Industriepark III
Industriepark Zwijnaarde 6
9052 Gent - Belgium
T +32 9 221 11 16
VAT BE0400.166.768 - R.P.R. Gent
info@compaktuna.be
www.compaktuna.be