

MEGA GROUT F

Non-Shrink , Cement-Bound Grout Reinforced With Fiber Glass

DESCRIPTION

MEGA GROUT F is non shrinking grouting material, consists of cement-bound, reinforced with fiber glass, , which shows acontrollable increase of volume. Grouting materials are used for statically as well as for dynamically highly stressed compound units.

PREPARATION

* The mineral concrete foundation has to be free from any dirt, grease and all particles or layers which could weaken the bonding strength . The pre-watering of concrete surface has to be executed until it is saturated. The tensile stregth of the concrete foundation surface must be on the average 1.5 N/mm²

FIELDS OF APPLICATIONS

MEGA GROUT F is used in the field of constructive civil engineering for the undergrouting and grouting of compound units.

- * Undergrouting of steel constructions
- * Grouting of bridge beds
- * Anchor grouting of machines and threaded rods
- * Grouting of machines, rails and hole footing
- * Grouting in the under water sector
- * Grouting of prefabricated compound units

METHOD OF APPLICATIONS

* *MEGA GROUT F* is stirred in a forced mixer with respectively required quantity of mixing water. A lump-free, homogeneous mixture is achieved by adding 4/5 of the required quantity of water into the mixer after adding the respectively quantity of powder and having mixing for 2 minutes, the remaining quantity of water has to be added.

The mixed and homogeneously stirred material of the *MEGA GROUT F* is poured into the respective cavity. A non-porous grouting is achieved by a sufficient number of extract ventilation holes or slots.

AFTER-TREATMENT

The required after-treatment of the free grouting flanks is effected, as with all hydraulically setting cement mortars, by means of jute bags and plastic foils laying above the jute bags. It should take place as soon as possible, however, at the latest when the mortar surface starts to become rigid. As an alternative to the traditional after-treatment methods, *MEGA CURE* is recommended.

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TECHNICAL INFORMATION

Density at 25° C	2.0 ± 0.1 kg/l	Water quantity (L/25kg)	3.25-3.50 (Trowellable) 3.75-4.25 (Flowable)
Compressive strength (Flowable)	350-400 kg/cm2	Compressive strength (Trowellable)	390-450 kg/cm2
3 days	500-600 kg/cm2	3 days	550-650 kg/cm2
7 days	650-700 kg/cm2	7 days	700-760 kg/cm2
28 days		28 days	

PACKAGES

25 kg bags

STORAGE

6 months in sealed packs, under suitable storage conditions.

TECHNICAL SERVICES

For further information, on-site assistance and trails, Please contact our technical advisory services.

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