

DESCRIPTION

GANTREX™ 040 is a ready for use, cement based grout with a high starting hardness and a very high ultimate hardness.

GANTREX™ 040 is free of chloride and non-metallic and low shrinkage.

GANTREX™ 040 is free-flowing and fills any cavity in a self-levelling way.

GANTREX™ 040 is freeze-proof and can resist salty and oily environmental conditions.

GANTREX™ 040 correspond to the specifications and requirements of the German DAfStb-Guideline: "Manufacturing and Application of cementitious grouting concrete/mortar" (06/06).

GANTREX™ 040 is regulated by the building authorities.

APPLICATION

GANTREX™ 040 is used to create a non-positive connection between the foundation, load and holding down bolts.

GANTREX™ 040 is suitable for grout heights from 15 to 120 mm.

TECHNICAL CHARACTERISTICS

Granulation	: 0-4 mm.
Consumption	: 25 kg dry grout make approx. 12-13 litres of fresh grout. For 1m ³ of fresh grout approx. 1990 kg of dry grout are required.
Water demand	: at + 5°C: 3,0 l/25 kg at + 20°C: 2,9 l/25 kg at + 30°C: 2,8 l/25 kg
Amount of swelling	: > 0,9 Volume %

MECHANICAL CHARACTERISTICS AT 20°C

Compressive strength N/mm ² / days				Bending tensile strength N/mm ² / days			
1	7	28	90	1	7	28	90
> 40	> 70	> 80	> 90	6,0	8	10	10,5

PACKAGING

25 kg paper/PE bags with 40x25 kg = 1000 kg on each euro pallet.

STORAGE

Stored dry and in the original bunch without frost lasting 12 months

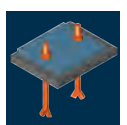
Handling: see back ►

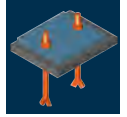


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HANDLING

1. Preparation

Before grouting the surface must be thoroughly cleaned and watered until saturation, stagnant water must be removed. It is vital to remove all laitance. The capillary pores must be open.

2. Water demand

See technical characteristics.

3. Mixing

GANTREX™ 040 should be mixed using a compulsory mixer or a slowly rotating stirring device in the grout barrel.

First 4/5 of the total water quantity is put into the stirrer, then GANTREX™ 040 and after a short stirring time the remaining water.

Mixing time: approx. 4-6 minutes.

Handling time: < 90 minutes at 20°C.

4. Recommendations

- In order to avoid air bubbles being trapped in the grout it is recommended to pour the grout only from one side or corner.
- Do not grout at temperatures below +5°C.
- Edges of the grout that are not under stress should not be wider than 50 mm. Otherwise a certain grip is necessary. Tension cracks might occur on the surface.

5. Secondary treatment

Free surfaces should be protected against premature water evaporation.

Our references, the advice related to the application and other recommendations are based on many years of experience. They are however – also regarding the copyrights of third parties – not binding and do not free the user from checking the products and procedures for proper suitability for the desired application.

This edition invalidates all prior technical data sheets.

We reserve the right to discontinue or change specifications or design at any time without prior notice and without incurring any obligation whatsoever.

