

# BestGrout CE775

Non shrink grout, high strength, cement based.

PHỤ GIA & HÓA CHẤT XÂY DỰNG BESTMIX CONSTRUCTION CHEMICALS & ADMIXTURES  
PHỤ GIA BÊ TÔNG - HÓA CHẤT CHỐNG THÂM - VỮA RỐT KHÔNG CO NGÓT - SÀN PHẠM NỀN SÀN - KẾT NỐI - TRÁM BÍT - SỬA CHỮA - BẢO VỆ - HOÀN THIỆN - BONDING - SEALING - REPAIRING - PROTECTING - FINISHING  
VỮA RỐT KHÔNG CO NGÓT - SÀN PHẠM NỀN SÀN - KẾT NỐI - TRÁM BÍT - SỬA CHỮA - BẢO VỆ - HOÀN THIỆN - BONDING - SEALING - REPAIRING - PROTECTING - FINISHING

**Description:** BestGrout CE775 is premixed mortar, one component, developing fast high strength.  
BestGrout CE775 has self-leveling feature, high self-compacting, no shrinkage, stable volume during the curing process and using later.  
BestGrout CE775 is made from selected cement, silicate minerals and special additives.

**Recommended for:** BestGrout CE775 is recommended for use such as:

- Locate the bolts, nail machine installation, pedestal rails installation.
- Insert the code of column head, wide gaps, holes, large holes of intrusion.
- The special precast.
- Piers connection ...

**Advantages:** BestGrout CE775 is a premixed compound so that is very stable quality and economy, and very easy to use in the construction, just add water and mix that can be used immediately. In addition, BestGrout CE775 has some highlight advantages as follows:

- Ability to flow high and can be easily adjusted.
- No shrinkage during curing, stable volume.
- Strength development fast, quickly put to use.
- Easy to apply these simple tools and methods.
- Construction in high humidity environments.
- Odorless, non-toxic to the health's workmen.
- Non-Chloride ion, non-corrosion to reinforcement.
- Non-polluting sources of drinking water when exposed directly.

## Technical data:

**Forms exist:** Dry powder

**Color:** Natural gray cement

**Package:** 25 kg/bag.

**Shelf life:** 06 months from produced date in right storage conditions

**Storage condition:** Keep in dry and cool places with temperature: +10 °C ÷ +30 °C.

**Bulk density:** 1.6 kg/litter

**Specific density:** Dry powder: 2.80 kg/litter. Grout mortar: 2.30 kg/litter

**Consumption:** 1.9 kg/liter. Need 76 bags for 1m<sup>3</sup> mortar

**Application temperature:** Ambient temperature minimum: +10 °C.

**Application time:** Within 15 minutes from mixing.

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**Mechanical Data:**

Water ratio	Flow-ability	Compressive*	1 day	3 days	7 days	28 days
12÷14 (%)	250÷320 mm	(MPa)	≥ 27	≥ 45	≥ 60	≥ 75

(\*):ASTM Standard C942-99. Sample 5x5x5 cm.

**Application:****Condition surface:**

The surface must be clean, compact, no grease or other impurities.  
The surface must be stopped water leak before (if any).  
The absorb water surface must be saturated by water on surface to avoid dehydration locally and reduce flow ability of materials in the construction process.

**Mixing:**

BestGrout CE775 is added slowly to the mixing water which was quantified prior to reach the mobility (flow) needed for the construction process.  
Typically, the optimal amount of water is mixed with 13% by powder weight (3.25 liter of water per 25 kg bag of BestGrout CE775).  
Using a mixer with paddle speed of 400-500 rounds / minute until the mixture is sufficiently homogeneous construction requirements (about 5 minutes).

**Application:**

After mixing, use an iron peel to stir lightly in seconds for quick release air bubbles. Then, the mixture is poured immediately into the formwork was prepared continuously in order to maintain the pressure necessary for layer pouring of material to avoid air entrapment in the structure.

**Note:**

Formwork must be checked and guaranteed not to leak water during construction and before curing mixture.  
Do not use material over time to apply.

**Important notes:**

This product is applied to structure with a minimum blank 08 mm.  
Maintenance procedures must be strictly guaranteed as products originated from cement.  
When applied to large structures with thickness greater than 60 mm, in order to save materials and reduce hydrolysis heat, hydration, should add the big selected aggregate size carefully such as gravel, stone 1x1, ... The big aggregate size to add about 50 ÷ 100% and the amount of mixing water do not exceed 15% the original weight of BestGrout CE775. Should be tested before use.

**Cleaning:**

Clean tools and equipment with water before the mixed grout hardens.

**Safety:**

Alkaline material which may cause allergic for skin sensitive skin for long exposure. Should wear gloves, masks, safety goggles while applying products.  
In cases falling into the eyes, nose, mouth ... should wash by clean water several times before coming to medical offices nearest to timely and proper treatment methods.

**Disclaimer:**

*The technical information and application instruction in documents of BESTMIX based on BESTMIX's current knowledge and practical experience. The information here only describes the general nature of product, so users should test the product for each purpose. BESTMIX has the right to change features of our product, user must always refer the latest technology product*