



Dec. 2022 Version

BestGrout EP600

Non-shrinkage epoxy grout, high strength, three components

Description:	BestGrout EP600 is a high compressive strength, non-shrinkage epoxy grout, low viscosity, three components and solvent free. BestGrout EP600 is combined between epoxy natural resins, private admixtures, and inert silicate selected especially. When applying, just mix the ingredients in a predetermined proportion.
Recommended for:	<ul style="list-style-type: none"> • Repair the concrete surface, filling holes. • Filling the couplings bearing in the assembly structures, precast concrete,... • Positioning bolts, anchoring machine foundation, rail pads, filling the baseplate ... • In the case of tinting, BestGrout EP600 is used as a floor finish for the purpose of load bearing, chemical resistance, abrasion resistance, mechanical impact resistance...
Advantages :	<ul style="list-style-type: none"> • High compressive strength, fast-growing. • Non-shrinkage, non-crack. • Excellent workability, flow ability. • Bonding well with clean surfaces • Chemical resistance, abrasion resistance,... • Friendly environment

PRODUCT DATA:

Package:	32.5 kg/set (#15.10 liters/set) or as requested.
Shelf life:	12 months from the date of manufacture, materials are sealed and stored in a cool place, and dry.
Color :	Dark grey (other special colors on requested).
Specific gravity:	2.15 ± 0.02 kg/liter (25°C) (depend on color)
Solid content:	100 %
Volatile Organic Compounds:	0%
Size aggregate:	0 ÷ 2.5mm
Application temperature:	Minimum: + 10°C (but above dew point temperature of 5°C) Maximum: + 35°C Relative humidity: 80%
Mixing ratio:	A/B/C = 2.5/1/17.5 (by weight)

PHỤ GIA & HÓA CHẤT XÂY DỰNG BESTMIX® CONSTRUCTION CHEMICALS & ADMIXTURES
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TECHNICAL DATA:
Pot-life:

Ambient temperature	+20°C	+25°C	+30°C	+35°C
Pot-life (minutes)	60	45	30	15

Physical properties: (sample @7 days curing, 30°C)

Compressive strength ^(*) (MPa)	≥ 60	Flexural strength ^(**) (MPa)	≥ 35
Flow-ability ^(***) (mm)	≥ 230	Bonding strength ^(****) (MPa)	≥ 1.5 (concrete failed)

(*): Test method: ASTM C579

(**): Test method: ASTM C348

(***): Test method: ASTM C230

(****): Test method: ASTM D4541

Chemical resistance : No blistering when exposed to water and basic chemical solutions such as: 10% NaCl, 10% CH₃COOH, 10% H₂SO₄, 10% NaOH, 10% CH₃OH, ...

APPLICATION:

Surface condition:	The material surface should be solidified and dry (the moisture is not more than 4%). Grease, dirt, rust, cement droppings ... must be completely removed.
Preparation for application:	The slits or holes which are capable of sealing leaks must be sealed with the appropriate material. In the case of using the formworks and the surface in direct contact with the material should be isolated in PE layer in order to create favorable conditions to take off formworks later.
Mixing:	Before application, two components A and B must be mixed thoroughly and continue to component C in accordance with the ratio of stirrer speed 300÷400 rounds/minutes. The mixing time is about 03 minutes or longer until homogeneous.
Placing:	After mixing, use a steel trowel to stir lightly for a few seconds to release air bubbles. Then, the mixture is poured immediately into the prepared position to maintain the pressure necessary to avoid air entrapment in the mixture. Note: Do not use material over time to allow application.
Cleaning:	Use a dry cloth to clean the instruments, and equipment and wash again with BestThinner SC-01 before the mixture starts hardening.
Safety:	All three components are neither hazardous nor flammable. However, minimum safety requirements must be met when using the product.

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.*