

2015 version

# BestBond EP753

Multi-purpose adhesive-based epoxy, high-strength, two components, water curing.

## Description:

BestBond EP753 is a multi-purpose, high strength, two component epoxy grout that cures particularly well even in water. It is a combination of epoxy resin, selected silicate minerals and special additives. There are appropriate physical and mechanical parameters, BestBond EP753 allows easy and quick application (even in water) to long-term pitted, cracked, and cavitation surfaces, significantly saving construction time.

## Recommended for :

Suitable for materials such as: concrete, natural stone, artificial stone, brick, steel,...for following purposes:

- ✓ Repairing and patching cracks, honeycombs, salty intrusion,..
- ✓ Bonding to other materials such as assembly of concrete, natural stone, other high strength materials.

## Advantages:

- ✓ Specially used for items submerged in water
- ✓ Easy to use, high application efficiency.
- ✓ Bonds well to all material surfaces.
- ✓ High chemical and mechanical resistance.
- ✓ Rapid strength development, no shrinkage on curing.

## SPECIFICATION

**Package:** 1; 15 kg /set.

**Shelf life:** 12 months since production date (Under the condition of the box sealed, untouched, and stored at a cool and dry place)

**Color:** Light grey. **Dry content:** 100%

**Density (25°C):** Part A: 1.94 kg/liter; Part B: 1.77 kg/liter  
Part A+B: 1.86 kg/liter.

**Application ambient:** Minimum temperature: 15°C (over dew point temperature of 5°C)  
Maximum temperature: 35°C; Relative humidity ≤ 80%

**Chemical resistance:** Resistant to alkali, acid, water, salt solution, oil, fuel and many other popular chemicals.

**Mechanical strength:** Compressive strength and adhesive strength are very high with concrete surfaces.

**Mix proportions** Part A: Part B = 2:1 (by the weight)

**Size of particle:** ≤ 0.3 mm

**Allowing application time:**

Temperature	<b>+20°C</b>	<b>+25°C</b>	<b>+30°C</b>	<b>+35°C</b>
Allowing time(mins)	60	40	25	15

**Stand by:**

Ambient temperature	<b>+20°C</b>	<b>+25°C</b>	<b>+30°C</b>	<b>+35°C</b>
Minimum	2 hrs	1.5 hrs	1 hr	1 hr
Mechanic resistance	2 days	1.5 days	1 day	1 day
Full chemical cure	2 hrs	1.5 hrs	1 hr	1 hr

**INSTALLATION**

**Surface condition:** The cracked surface must be clean, dry, not bonding impurities easy blister, remove all dust by proper mechanical methods.

**Mixing:** Two components A and B should be carefully mixed under the right ratio by slowly stirring (at speed of 300 ÷ 400 rpm).  
 The minimum mixing duration should not be less than 03 minutes and can be longer until reaching the required homogeneity.

**Application:** Using a serrated brush or other suitable tools, spread evenly over the entire surface to be glued, then forcefully press the materials to be glued, using a rubber hammer to adjust the appropriate position and height. For vertical surfaces or undersides of ceilings and objects to be glued with a large mass per unit area of contact surface, appropriate measures should be taken after gluing to position the gluing object for a period of time until the material cures.  
**Note:** Mixing two components A and B must be in the correct ratio when applying. Do not use the mixture that has expired and has begun to harden.

**Cleaning:** Use BestThinner SC-01 to clean instruments as soon as after the execution and before the mixture's hardening

**Safety:** Both components are non-toxic and non-flammable. This product can be allergic to the skin, therefore should be prevented from direct contact with the skin. It is advised to wear PPEs while handling the product.  
 In case of accidental eye contact, wash with fresh water and seek medical advice immediately.

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