

# BestBond EP752

Epoxy-based bonding agent for old and new concrete, two components.

## Description:

BestBond EP752 is a two-component, suitable viscosity epoxy adhesive that combines epoxy resins and specially selected silicate minerals to provide excellent physicommechanical properties. With the right viscosity, allows easy, quick application to old and new concrete connection surfaces, saving considerable time.

## Recommended for :

Permanent connection for mortar or new concrete mixed with: cured concrete, brick, stone, steel, or other building materials. This product is also used to seal crow's feet cracks, and as a protective layer for structural steel parts...

## Advantages:

BestBond EP752 creates a bond whose tensile strength is much higher than that of concrete. It also has other advantages:

- Easy to apply.
- Solvent-free, unaffected by moisture.
- Workable at low temperature.
- High tensile strength

## PRODUCT INFORMATION:

**Color:** Light grey

**Density (25°C):** Part A: 1.70 kg/liter;  
Part B: 1.03 kg/liter  
Part A+B: 1.37 kg/liter.

**Mixing ratio:** Part A: Part B = 1:1 (by weight)

**Package:** 1; 5 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)

**Application ambient:** Minimum temperature: 10°C (over dew point temperature of 5°C)  
Maximum temperature: 35°C  
Relative humidity ≤ 80%

## TECHNICAL PROPERTIES:

**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.

## BESTMIX CORPORATION

www.bestmix.vn

**HEAD OFFICE:**  
Lot D1, D1&N3 Rd., Nam Tan Uyen IP,  
Tan Uyen Town, Binh Duong Province.  
Tel: (027) 4365 3990 - 4365 3991  
Email: info@bestmix.com.vn

**HCMC OFFICE 1:**  
378-384 Cong Hoa Str., Ward 13,  
Tan Binh Dist., Ho Chi Minh City  
Tel: (028) 3810 7995 (7996, 7997)  
Email: bm1@bestmix.com.vn

**HCMC OFFICE 2:**  
23 Nguyen Huu Canh Str., Ward 22,  
Binh Thanh Dist., Ho Chi Minh City  
Tel: (028) 3899 0339 - 3899 0340  
Email: bm2@bestmix.com.vn

**NHA TRANG OFFICE:**  
989 Le Hong Phong Street,  
Phuoc Long Ward, Nha Trang City  
Tel: 090 545 3579  
Email: bm3@bestmix.com.vn

**CENTRAL BRANCH:**  
478B1 Dien Bien Phu Street,  
Thanh Khe District, Da Nang City  
Tel: (023) 6371 5299 - 6371 5399  
Email: bm4@bestmix.com.vn

**NORTHERN BRANCH:**  
TT6.2 - 65, Dai Kim Urban Area,  
Hoang Mai District, Ha Noi City  
Tel: (024) 3200 8234  
Email: bm5@bestmix.com.vn

### Pot life:

Temperature	+20°C	+25°C	+30°C	+35°C
Pot life (mins)	90	75	40	25

### Physical properties (samples after 07 days curing at 30°C):

**Bonding strength:**  $\geq 10$  Mpa (greater than the tensile strength of concrete) (ASTM D882)  
(Slant shear test)

**Adhesion strength:**  $\geq 1.5$  Mpa (concrete failure) (ASTM D7234)

### GUIDE TO APPLICATION:

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

**Surface preparation** The cracks must be cut or sawed out to a minimum width of 5mm, a depth greater than or equal to 1.5 times the width. The crack bottom has U-shaped. Using a compressor air to clean the cracked surface.

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

**Application:** After mixing, apply with a stiff brush or short-bristle roller, and vigorously sweep the mixture onto the previously cleaned and prepared concrete surface.  
For wet surfaces, make sure that the surface is not waterlogged and must be completely covered with BestBond EP752.  
Apply new concrete while BestBond EP752 is still wet and does not get hardening.

**Cleaning:** Use soap and water 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.*

### BESTMIX CORPORATION

www.bestmix.vn

**HEAD OFFICE:**  
Lot D1, D1&N3 Rd., Nam Tan Uyen IP,  
Tan Uyen Town, Binh Duong Province.  
Tel: (027) 4365 3990 - 4365 3991  
Email: info@bestmix.com.vn

**HCMC OFFICE 1:**  
378-384 Cong Hoa Str., Ward 13,  
Tan Binh Dist., Ho Chi Minh City  
Tel: (028) 3810 7995 (7996, 7997)  
Email: bm1@bestmix.com.vn

**HCMC OFFICE 2:**  
23 Nguyen Huu Canh Str., Ward 22,  
Binh Thanh Dist., Ho Chi Minh City  
Tel: (028) 3899 0339 - 3899 0340  
Email: bm2@bestmix.com.vn

**NHA TRANG OFFICE:**  
989 Le Hong Phong Street,  
Phuoc Long Ward, Nha Trang City  
Tel: 090 545 3579  
Email: bm3@bestmix.com.vn

**CENTRAL BRANCH:**  
478B1 Dien Bien Phu Street,  
Thanh Khe District, Da Nang City  
Tel: (023) 6371 5299 - 6371 5399  
Email: bm4@bestmix.com.vn

**NORTHERN BRANCH:**  
TT6.2 - 65, Dai Kim Urban Area,  
Hoang Mai District, Ha Noi City  
Tel: (024) 3200 8234  
Email: bm5@bestmix.com.vn