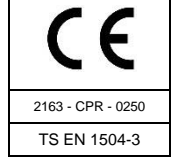




## Technical Data Sheet

# BAYCOCRET-BT25/K®

## Fiber reinforced, polymer modified, high strength, non-shrink repair mortar



### Description:

It is a polymer modified, cement based non-shrink and high strength repair mortar which can be used both at horizontal, vertical and over head applications.

### Areas of Application:

- It can be used at every concrete repair application, both horizontal and vertical.
- Thanks to its non-shrink feature, it can be used to seal rod clearances.
- It is suitable for applications between 10-30 mm thickness.

### Properties/Advantages:

BAYCOCRET-BT25/K can be used at the cracks between 10-30 mm.

- It is suitable for construction strengthening applications.
- It is easy to prepare, only mix with water.
- Easy application.
- It is frost-thaw resistant.
- Non-corrosive and non-toxic.
- It is thixotropic.
- It has superior physical properties.
- It has high carbonic acid diffusion resistance.

### Technical Data:

Basis:	cement based mortar
Granule size:	0,1 - 2,0 mm
Water ratio for 25 kg packs:	3,25 kg
Specific weight:	1,7 kg/l
Compression strength*:	42 N/mm <sup>2</sup> (7 <sup>th</sup> day) 54 N/mm <sup>2</sup> (28 <sup>th</sup> day)
Flexural strength*:	5 N/mm <sup>2</sup> (1 <sup>st</sup> day) 7 N/mm <sup>2</sup> (7 <sup>th</sup> day) 8 N/mm <sup>2</sup> (28 <sup>th</sup> day)
Adhesion strength*:	>3 N/mm <sup>2</sup> (28 <sup>th</sup> day)

\* All strength values are measured at 23°C and 60% relative humidity.

Length change: <1mm/m (28<sup>th</sup> day)  
Pot life: 30 minutes (23°C)

Begins service after: 24 hours  
Application layer thickness: 10 - 30 mm  
Water permeability: Water impermeable

### Packaging:

25 kg sack

### Storage:

When stored in a dry condition in its unopened original package, 6 months.

### Surface Preparation:

BAYCOCRET-BT25/K can be applied on surfaces which are clean, load bearing, free of loose particles, free of adhesion inhibiting particles. (oil, paint, grease, etc.) Smooth surfaces shall be roughened and all surfaces shall be saturated. No ponds shall be allowed. Shot-blasting and water jetting applications shall be done prior to the application.

### Product Preparation:

The mixing ratio for the application;

- BAYCOCRET-BT25/K: 25 kg
- Water : 3,25 kg

¾ of mix water shall be poured into a clean container, and then add BAYCOCRET-BT25K slowly whilst stirring with a low-speed mixer. Finally, remaining ¼ mix water shall be added and continue stirring for approx. 2 more minutes. Prepare the product with respect to the pot life.

### Method of Application:

BAYCOCRET-BT25/K can be applied by a trowel. After the application, protect the surface from sun and wind, and keep damp for 24 hours.

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**Cleaning:**

Clean tools with water right after the application.

**Health and Safety:**

Please refer to the MSDS for details.