Technical Data Sheet  
Art. No. 0554  
Betofix HQ2  
Sealing mortar

**Range of use**
- For indoor and outdoor use
- Mineral substrates in dry, damp and wet areas
- Packing and mounting mortar for connecting machines, iron and concrete structures as well as wood elements
- Filling of joints between prefabricated elements and cellar slabs
- Filling of cavities
- Installation of special components
- Production of sealing coves

**Property profile**
- High early strength
- Swellable
- Water impermeable
- Resistant to frost and deicing salt

**Work preparation**
Requirements of the substrate: solid, clean and dust-free.

**Preparation**
The substrate must be made matt damp (not wet).

**Characteristic data of the product**
- **Colour:** grey
- **Largest grain:** 2 mm
- **Water demand:** approx. 12 %
- **Apparent density of the fresh mortar:** approx. 2,2 kg/dm³
- **Working time:** approx. 60 min.
- **Compression strength (EN 12190):**
  - after 1 day: ≥ 10 N/mm²
  - after 7 days: ≥ 35 N/mm²
  - after 28 days: ≥ 40 N/mm²
- **Flexural strength (EN 12190):**
  - after 28 Tag days: ≥ 7,0 N/mm²
- **Degree of swelling:** approx.1,5 Vol.-% 
- **Dynamic modulus of elasticity:** ≥ 25000 N/mm²
- **Capillary water absorption:** ≤ 0,5 kg/(m²·h⁰.⁵)

The grains close to the surface must be exposed.
The pull-off strength of the substrate must > 1,5 N/mm² on average.

**Working time (+20 °C)**
Ca. 60 minutes

**Pour water into a clean container and add the dry mortar.**
Mix thoroughly with a mixer/drill and paddle for approx. 3 minutes until the proper consistency for working has been achieved.

**Ripe time of the mixture:** 1 minute.
Mix again and, if necessary, add some water.

0554 Betofix HQ2_11.16
Notes on application

Initially set mortar cannot be made workable again by adding water or fresh mortar.

Protect the mortar surface from too fast dehydration and weather influences such as sun, wind, rain, drafts and frost for at least 4 days.

Notes

The characteristic data given for this product were determined under laboratory conditions at 20 °C and 65 % relative humidity.

Mixing water must be of potable water quality.

Alkaline binders can cause a dissolving aggression on non-ferrous metals.

Low in chromates in accordance with Directive 2003/53/CE

Application rate

Approx. 2.0 kg/m²/mm of thickness or approx. 2.0 kg/dm³

Tools, cleaning

Mixing utensils, trowel, filling knife, joint iron

Clean tools and equipment with water while the material is still fresh.

Delivery form

25 kg paper bags

Shelf-life:

At least 12 months in unopened containers stored dry

Safety

Further information on safety when transporting, storing and handling as well as disposal and ecology is found in the latest Safety Data Sheet.

The statements above are compiled from our field of production and according to the latest technological developments and application techniques.

Since application and working are beyond our control, no liability of the producer can be derived from the contents of this information sheet. Any statements made beyond the contents of this information must be confirmed in writing by the producer.

In all cases, our general conditions of sale are valid. With the publication of this Technical Information Sheet all previous editions are no longer valid.