

# Signaseal

Three-component epoxi adhesive and pouring mortar used for patching-repairing concrete and as an anchoring resin.

## Ref. 31022



2 - 7 Kg.



-20°C  
+90°C

### Product description

**SIGNASEAL** is a three-component, high-strength epoxic mortar with selected fillers and special additives that react chemically resulting in an excellent product with:

- Superior bond to most surfaces: ceramic, concrete, metal, wood, fibercement, etc.
- High, and fast, mechanical resistance.
- Excellent chemical resistance to acids, solvents, detergent, etc.
- 100% waterproof.
- Very good aging properties.

### Applications

Since its filler comes separately as a third component, the product's uses are many:

- As a filler resin with no retraccion. Ideal for anchoring metal.
- As a patching-repairing tixotropic mortar. Appliable with a flat trowell on concrete surfaces horizontally and vertically.
- As an epoxi thin-set mortar for tiling over metal surfaces, prefabricated concrete, natural stone on dintells, columns, kitchen counter-tops, etc.

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### How to use

-Preparing the surface:

Surfaces should be strong, sound and clean of dirt, paint, wax, oil, grease, etc. We strongly recommend sand-blasting or at least mechanically cleaning the surfaces where the product is to be applied. Concrete surfaces must be at least 28 days old.

-Mixing instructions:

1°- Take the 3 components out of the bucket.

2°-Fully empty the contents of the two bottles inside the bucket.

3°-Add the third component as you like, depends on your needs.

4°-Mix slowly with a stirrer (300rpm recommended)

(Note: when anchoring into concrete the hole should be at least 4 mm. in diameter greater than the metallic piece to be anchored)

#### CLEANING TOOLS

Clean tools with water before the SIGNASEAL hardens.

### Technical Data

DIRECTIVES EN 1504-3

#### PRODUCT

•Type: R2 mortar of reactive resins with additional characteristics and null slip.

•Aspect part "A" and "B": Fluid liquids

•Aspect part "C": Powder

•% of solids: 100%

•Chloride ion content: 0%

•Inflammable: No

•Toxicity: Contact with skin and eyes must be avoided. Always use gloves during installation, protective goggles are also recommended. In the case of skin contact, wash with plenty of soap and water. In case of eye contact wash with plenty of running water and consult a doctor.

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### Application

- Start the application over concrete: After 28 days minimum
- Density of mixture: 1.5 g/cm<sup>3</sup>
- Temperature of application: from +12°C to +30°C (ideal +20°C)
- Useful life: 1 hour (at +20°C)
- Can be walked on: 14 hours (at +20°C)
- Final hardening: 7 days (at +20°C)

#### PERFORMANCE PROPERTIES

- Resistance to damp: excellent
- Resistance to ageing: excellent
- Resistance to acids/alkalis: excellent
- Resistance to solvents: very good
- Resistance to compression: > 15 MPa
- Initial adherence: > 0.8 MPa
- Capillary absorption: <0,5 Kg/m<sup>2</sup> h<sup>0,5</sup> (EN 13057)
- Range of working temperatures: from -20°C to +90°C

#### STORAGE

- In a covered area, protected from heat and freezing temperatures, kept in its original containers: 2 years

#### PRESENTATION AND COLOURS

- Supplied in: 2-kg pots., 7-kg and 21-kg pots.



**signapool**

[www.signapool.com](http://www.signapool.com)