

SUPERFIX 30

Epoxy based, 2-component, non-shrinking, thixotropic bonding agent

Description

Epoxy based, 2-component, solvent-free, non-shrinking, thixotropic bonding agent for a large variety of repairs and sealing. Unaffected by moisture, provides a bond of far greater strength than the tensile strength of the concrete itself – between different materials such as concrete, natural stone, mortar, bricks, cement, steel, aluminium, wood, glass, polyester, epoxy and many more. Applied with trowel in layers of maximum thickness of 30 mm at horizontal surfaces and 15 mm on vertical surfaces.

Features - Benefits

- High resistance to common chemicals
- Excellent adhesion
- Both components are supplied in containers ready to be mixed
- High final strength
- High compatibility even with a high moisture content
- High compatibility with all standard building materials
- Zero shrinkage
- Develops high adhesion forces
- No vertical slip
- High resistance to permanent presence of water

Examples of applications - Materials

Concrete, cement mortars, ceramics, brick, wood, epoxy, polyester materials, glass, steel, cast iron, aluminum, stone, metal, etc.

Used for filling and sealing gaps and cracks in beams, columns, slabs, foundations, special constructions and to prevent the inflow of water.

Surface preparation

Provide sufficiently stable surfaces that are dry & durable. Remove detached parts, dirt, grease, etc.

High-absorption substrates

Mortars and concretes where SUPERFIX 30 will be applied must be older than 28 days.

Substrates low absorption

On surfaces that are smooth and non-absorbent, chemical cleaning should be performed. In cases where there is metal, rust must be removed.

Specifications

Format: thixotropic paste

Tint: A + B: light gray

Basis: 2-component epoxy

Density (A + B): 1,80 kg / lit

Maximum thickness: 35 mm

Shrinkage: zero

Working time:

10 °C → 150 min

30 °C → 45 min

Compressive strength: after 7 days in accordance with DIN EN 196

10 °C → 64 N/mm²

30 °C → 98N/mm²

Resistance to bending: after 7 days in accordance with DIN EN 196

10 °C → 37 N/mm²

30 °C → 47N/mm²

Tensile strength: after 7 days according to ISO 527

10 °C → 22 N/mm²

30 °C → 28N/mm²

Adhesion to concrete: ≥ 4 N/mm² according to EN 1542 (100% crushing of concrete)

Compressive modulus: 7500 N/mm² after 7 days, 23 °C
According to ASTM D 695

Mixture preparation

Components A and B are provided in containers ready to be mixed. Stir well the components A and B using a low speed of electric mixer until the mixture becomes homogeneous. For small amounts of material mixing can be done manually.

Instructions for use

Apply in temperatures above +10°C with a trowel or using an appropriate tool. Immediately after the use, clean application tools with water or dilute aqueous solution of ethyl alcohol (rubbing alcohol) 20% w/w.

Typical consumption

1.8 kg/m² / mm

Packaging

1kg and 10kg Metal containers (A + B)

Storage

In shady, preferably covered areas with low humidity for at least 12 months.

Precautions and safety

We recommend the use of protective goggles and gloves when mixing and applying the material. After it has fully matured SUPERFIX 30 is completely safe.

Notes

Technical details, properties, recommendations and information on BAUER products are supplied in good faith. They are based on the company's research and experience, provided that they are stored and applied under normal conditions. As the method of using materials as well as project and environment conditions are beyond the control of the company in each individual application setting, the product user is held solely responsible for the result of application. No responsibility under any legitimate relationship can be substantiated against the company, based on the information set out hereunder. Product users are advised to refer to the latest revision of the technical manuals available.

Other information

BAUER BUILDING TECHNOLOGIES

Megara Industrial Estate, Attica

Tel: 210 5744222

Fax: 210 5740777

Email: info@netbauer.com

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

Frankfurt, Reg. No 312310 QM
Qualitätsmanagementsystem
Zertifiziert nach DIN EN ISO 9001

