

IDEAL STUCK

Thixotropic paste for concrete repairs

DESCRIPTION

High thixotropic paste adhesive. A solvent-free epoxy resin with mineral fillers and hardened with modified amine compounds.

USES

- Filling of holes and cracks in concrete, mortar, brick, stone, wood and iron.
- Structural bonding of construction elements of different natures: CLS, bricks, stone, iron, wood, etc.
- Structural reinforcement obtained by coupling of steel or steel and wood and concrete
- Bonding and attachment of nipples and tubes and injection with epoxy formulas for structural reinforcement kits Ideal Kit 10 or Ideal Kit 12.

FEATURES

- IDEAL STUCK comes in two parts, with slow or rapid responsiveness. The slow response is used for temperatures between 15 and 35°C, the snap response is for temperatures between +5 and 20°C.
- Fully compatible with all building materials construction.
- Excellent mechanical strength.
- Very high adhesion because it hardens without shrinkage.
- Excellent adhesion to concrete, dry and wet.
- Lasting stability with good chemical resistance.
- Easy to use because it comes in premeasured packets, ready for use.
- Very good cost-quality ratio.

SURFACE PREPARATION

- The support must be sound, clean and free of loose grout and concrete.
- To obtain good adhesion, the surface must be rough, sandblasted or scarified. The presence of water prevent adhesion. Wetness must be dried with air or gas flame.
- Inject cracks with epoxy formulas, e.g. Ideal Kit 10.
- The concrete surface must have a tear resistance of 2 - 4N/mm².

APPLICATION

- Place component "B" in the "A" component and mix for at least 5 minutes by hand or with a mechanical mixer at a low speed (drill). Also remove the material along the walls and corners of the pack.
- Distribute IDEAL STUCK with a trowel or notch with a trowel or other tool in thicknesses of 2-4mm, depending on the intended usage.
- Respect the time of use.
- Jointing as soon as the items to paste and keep it pressed until it has taken.

TECHNICAL INFORMATION

COLOUR	grey
CONSISTENCY	thixotropic paste
DENSITY	about 1.8g/cm ³
COMPRESSIVE STRENGTH	>80N/mm ²
FLEXURAL STRENGTH	>35N/mm ²
MODULUS	about 9.000N/mm ²
BONDING ON DRY CLS	>4N/mm ²
ADHESION TO WET CLS	>2N/mm ²
ADHESION TO STEEL	>20N/mm ²
POINT GLASS TRANSITION	about 65°C
RELATIONSHIP OF USE	"A" = 100 (weight ratio)
Valid for both L-type (slow), and the type R (rapid)	"B" = 50 (weight ratio)

CONSUMPTION

For an even layer of 2mm applied to a surface of 1m², about 3.5 kg of IDEAL STUCK is required.

PACKAGING AND STORAGE

A + B = 1.5 kg
A + B = 6 kg

IDEAL STUCK, sealed in its original packaging, remains unchanged for at least 12 months when stored indoors and protected at a temperature of 15-30°C.

WARNINGS

- Do not swallow.
- Epoxy resins can cause irritation.
- Avoid contact with skin and eyes.
- Wear protective goggles and gloves.
- In the event of contamination, wash immediately with soap and water. Do not wash with solvents.
- Spray in the eye should be rinsed with water then consult your doctor.
- The remains of the product and empty containers should be disposed of in accordance with the relevant legislation.

IMPORTANT:

All the information contained in this sheet is based on the best practical and laboratory applications. It is the customer's responsibility to check the product is suitable for the intended use. The manufacturer declines any responsibility for wrong application. It is recommended to carry out tests on small areas before application. This sheet replaces and cancels any previous one. The data contained can be changed at any time. Ideal Work products are for professional use and the company organises periodical training for its customers on demand. Anyone who uses these products without qualification takes all the associated risks.

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