

METEOR FIX

SOLVENT-FREE ADHESIVE BASED ON EPOXY RESINS

DESCRIPTION

Meteor FIX is a three-component adhesive / repair mortar based on epoxy resin, mineral fillers and rheology modifiers. The adhesive can be used in conditions of increased substrate and air humidity.

APPLICATION

For use in bonding concrete and polymer concrete components, embedding drainage troughs, as a mortar for erecting masonry of various mineral materials, for reprofiling damaged building components, bonding tiles, filling cavities and restoring sharp edges.

ADVANTAGES

- bonding of concrete and polymer concrete elements
- installation of drainage troughs
- mortar for the construction of masonry from various mineral materials
- reprofiling of damaged construction elements
- bonding chemical-resistant tiles
- filling cavities
- reproduction of sharp edges

SPECIFICATIONS

Mixing ratio	100:20:15
Adhesion	Fulfils (breaking in concrete)
Compressive strength	$\geq 6 \text{ N/mm}^2$
Shear strength	$\geq 30 \text{ N/mm}^2$
Shrinkage/swelling	$\leq 0,1\%$
Workability	60 min at 20°C
Sensitivity to water	Fulfils
Modulus of elasticity	$\geq 2000 \text{ N/mm}^2$
Thermal expansion coefficient	$\leq 100 \cdot 10^{-6} \text{ K}$
Glass transition temperature	$\geq 40^\circ\text{C}$
Reaction to fire	$B_{fl} - s1$
Sustainability	Fulfils
Hazardous substances	According to the Safety Data Sheet

EFFICIENCY

We can fill approximately 6 litres (6 dcm³) from a set of 10 kg of Meteor Fix.

MIXING CONDITIONS

Pour liquid parts 'B' and 'C' into the loose ingredient 'A' in the bucket. Mix with a builder's mixer until a homogeneous mass is obtained. The mixture should be used within half an hour.

PERFORMANCE CONDITIONS

The product is intended for use by professionals. When working, the temperature should be above 5°C. The adhesive also bonds in conditions of increased humidity of both the substrate and the air. The adhesive can be applied to the substrate with a toothed trowel or spatula as required. When shaping, smoothing the mass should be carried out with a spatula wetted in a solvent (e.g. benzyl alcohol, xylene).

CLEANING OF TOOLS

Clean tools and any contamination freshly with acetone or other epoxy solvent. If cured, the resin can only be removed mechanically.

STORAGE

Store resin and hardener in closed factory containers. Do not allow to freeze. Do not heat above +25°C.

CONTAINERS

Plastic bucket component 'A', plastic canister component 'B', metal bottle component 'C' - set of 10kg.

Weights of ingredients in a set of 10 kg: A -7.4kg B-1.5 C - 1.1kg;

Weights of ingredients in a 1kg set: A - 0.74 kg B - 0.15 kg C - 0.11 kg

HEALTH AND SAFETY REQUIREMENTS

Some components of flooring compounds in their uncured state are harmful to health. They can cause allergies in particularly sensitive people. Special precautions must be taken when carrying out the work. The rooms where the floors are prepared and applied must be well ventilated. Workers should wear: clothing, shoes, protective goggles and gloves. Detailed safety rules are given in the Safety Data Sheets of the ingredients. Epoxy compounds are physiologically inert for the human body after curing.

Note: The above information has been compiled to the best of our technical knowledge, but is not legally binding.

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