

TECHNICAL DATA SHEET

FIX SPEED 421

Quick assembly mortar



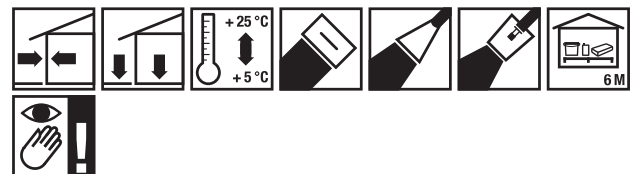
Areas of application

Mortar intended for quick mounting of metal elements (anchors, supports) and other elements in the groundwork, for repairing cavities and sealing local soaking spots in walls, concrete pipes, etc. Indoor and outdoor use. It is also used for filling gaps and filling grooves in concrete foundations. Perfect for embedding protective corners etc.

Properties

- Waterproof
- Frost-proof
- High mechanic durability
- Fast-binding
- May be loaded after about 3 hours
- Easy to process

Application procedure



Technical data

Item number	39647	39646
Packaging		
Quantity per unit	2 kg/unit	25 kg/unit
Unit per pallet	96 unit/Pal.	48 unit/Pal.
Grain size	0-0,5 mm	
Colour	Grey	
Consumption	1,3 kg/dm ³	
Water requirement	approx. 0,5 L/unit	approx. 6,25 L/unit
Tensile adhesive strength	≥ 0,8 MPa	
Compressive strength	≥ 10 MPa (3 h) ≥ 25 MPa (28 d)	

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Item number	39647	39646
Pressure resistance	≥ 5 MPa (28 d)	
Possibilities to enter	approx. 3 h	
Suitable for floor cover	approx. 6 h	
Chromium content	≤ 0,0002 %	
Coating thickness	2-50 mm	
Processing time	3 min	

Material base

- Mineral fillers
- Modifying additives
- Portland cement
- Aluminous cement

Application conditions

Apply at temperatures from +5°C to +25°C, these temperatures refer to air, bed and product. All beds should be bearing, compact, stable, clean and, if necessary, primed with GRUNTOLIT-W 301 or EXPERT 6 primer. It is advisable to prime dusty beds with GRUNTOLIT-SG 302 or EXPERT 5 primer.

Surface

All substrates must have adequate load-bearing capacity, solid and compact structure and be cleaned of dust, grease, lubricants, release agents, paint residues, etc. Unstable coatings and coatings with insufficient adhesion must be removed. Oily and lubricated surfaces should be washed with detergent, infected with mold, moss, algae should be covered with SEPTOBUD 1008 and then washed under high pressure or mechanically removed. All filled spots which do not require priming should be moistened with water. Concrete, reinforced concrete: moisten with water, if very absorbent, prime with GRUNTOLIT-W 301 Bricks and ceramic CMUs: moisten with water, if very absorbent, prime with GRUNTOLIT-W 301 Autoclaved aerated concrete elements: double prime with GRUNTOLIT -W 301 Silicate blocks: Prime with GRUNTOLIT-W 301 or EXPERT 6

Preparation

Gradually pour the dry compound into a container with a proper amount of clean, cool water, while manually or mechanically stirring using a slow-speed mixer until homogenous mass without lumps develops. The mass shall be put aside for 1 minute to mature and then stirred thoroughly again. Mix only the amount of mortar with water that you need to use within 3 minutes. Do not mix the hardened grouting mixture again.

Application procedure

Apply with tools and in a manner that allows for the fastest treatment possible. Fill the hole with the mortar, stabilize the mounted element for several minutes. Higher temperatures reduce the mortar setting time.

Instructions

In optimal conditions (temperature 20°C and humidity 50-60%) , it is possible to load the anchored element after 3 hours. During setting, the mortar produces heat.

Storage

Up to 6 months from the date of manufacture, in dry areas and in non-damaged factory packaging.

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General information

This product data sheet replaces all its previous versions. The information, included in this technical card, represents our current knowledge and practical experience. This is general information only which shall not obligate the manufacturer to take any responsibility either for workmanship or for the manner of use. For there may be differences and specific execution conditions. The product shall be applied in accordance with required technical knowledge and OHS rules. Avoid contact with skin and protect eyes. In case of contact with eyes, rinse them up with a large quantity of clean water and consult a doctor. It shall be recommended to use gloves, safety goggles and protective clothing. All technical data is given for the temperature of 20 degrees Celsius. These temperatures apply to air, bed and embedded material. All technical data listed in this product specification has been determined under laboratory conditions.