



# 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 c.a. 3h
  - Easy to process

**Application procedure:**



Technical data		
Item no.	39647	39646
Packaging type		
Quantity per unit	2 kg/unit	25 kg/unit
Unit per pallet	96 unit/Pal.	48 unit/Pal.
Colour	Grey	
Granulation	0 - 0.5 mm	
Consumption	1.3 kg/dm <sup>3</sup>	
Application time	approx. 3 min	
Pressure resistance (28 d)	≥ 5 MPa	
Compressive strength (3 h)	≥ 10 MPa	
Compressive strength (28 d)	≥ 25 MPa	
Layer thickness	2 - 50 mm	
Soluble chromium VI content	≤ 0.0002 % (2ppm)	
Amount of water required	approx. 0.5 l/unit	approx. 6.25 l/unit
Possibilities to enter	approx. 3 h	
Suitable for floor cover	approx. 6 h	
Adhesion to (Concrete)	≥ 0.8 MPa	

**The product conforms to:** • EN 1504-3

- Material base:**
- Mineral fillers
  - Modifying supplements
  - Portland cement
  - Calcium aluminate cement

**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.



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<b>Types of substrate:</b>	<b>Concrete, reinforced concrete:</b> moisten with water, if very absorbent, prime with GRUNTOLIT-W 301 <b>Bricks and ceramic CMUs:</b> moisten with water, if very absorbent, prime with GRUNTOLIT-W 301 <b>Autoclaved aerated concrete elements:</b> double prime with GRUNTOLIT -W 301 <b>Silicate blocks:</b> Prime with GRUNTOLIT-W 301 or EXPERT 6
<b>Preparation:</b>	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.
<b>Application procedure:</b>	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.
<b>Application conditions:</b>	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.
<b>Instructions:</b>	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.
<b>Storage:</b>	Up to 6 months from the date of manufacture, in dry areas and in non-damaged factory packaging.
<b>General information:</b>	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 a temperature of +20 °C and a humidity of 60 %. In the case of drying times, binding, pointing, open, correction, water resistance, etc., these values are given for a typical layer thickness of the product, which for the tile adhesive is about 5mm, primer and self-leveling screed of about 10mm, screeds about 25mm . In special cases, they may deviate from this accepted average and should be determined experimentally. In case of doubts and not included in this record, it is recommended to contact the technical department of KREISEL.