

TECHNICAL DATA SHEET

ZAPRAWA WYRÓWNUJĄCA 428

Cement, universal from 2 to 50 mm



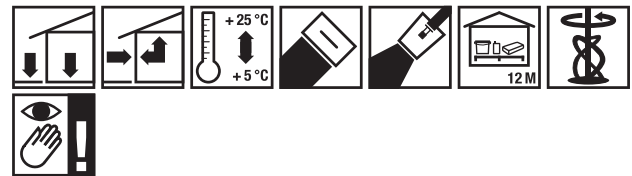
Areas of application

Intended for leveling walls and floors before the execution of further works, for repairing and filling cavities in walls and flooring bases. Indoor and outdoor use. Can be also applied to execute flooring bases. It is used for leveling wall surfaces, filling installation grooves and chisels (e.g. for window and door frames, window sills, sanitary equipment), repairing substrates before further work: plastering, screed production, etc. Suitable for application on concrete and brick floors and walls from ceramic elements, natural stone as well as silicate, concrete, lightweight aggregate and cellular concretes, as well as cement screeds with ordinary floor heating and cement-lime plasters. Do not use on gypsum substrates. Generally applied for leveling groundwork (walls and floors) before the application of ceramic, gres tiles, etc., thermal insulation Styrofoam panels and mineral panels, as well as to execute other, similar works.

Properties

- Contains reinforcing fibers
- Frost-resistant
- For leveling groundwork
- High mechanic durability

Application procedure



Technical data

Item number	27860
Packaging	
Quantity per unit	25 kg/unit
Unit per pallet	48 unit/Pal.
Grain size	0-2 mm
Consumption	1,5 kg/m ² /mm
Water requirement	approx. 4,1 L/unit
Compressive strength	≥ 20 MPa (28 d)
Pressure resistance	≥ 5 MPa (28 d)
Possibilities to enter	24 h
Suitable for floor cover	14 d 48 h
Chromium content	≤ 0,0002 %

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Item number	27860
Mortar class	CT-C20-F5
Coating thickness	2-50 mm
Processing time	60 min

Material base

- Mineral fillers
- Modifying additives
- Portland cement

Application conditions

Apply at temperatures from +5 °C to +25 °C, these temperature refer to air, groundwork and product temperature. All groundwork surfaces must be load-bearing, tight, stable, even and clean and, if required, primed with GRUNTOLIT-W 301 or GRUNTOLIT-SG 302

Surface

Substrates should be free from dust, soot, grease, lubricants, anti-adhesive agents, paints, excess mortar etc. Symptoms of biological aggression (fungi, mildew) should be removed using SEPTOBUD 1008 preparation. Old, destroyed coatings with low strength must be removed. Prime weak beds with GRUNTOLIT-SG 302
Concrete, reinforced concrete: Prime with GRUNTOLIT-W 301, pour the grout maintaining the wet-on-wet principle
Cement screed: Prime with GRUNTOLIT-W 301 or EXPERT 6
Cement plaster: Prime with GRUNTOLIT-W 301 or EXPERT 6
Cement-lime plaster: Prime with GRUNTOLIT-W 301 or EXPERT 6
Concrete and concrete blocks: Prime with GRUNTOLIT-W 301 or EXPERT 6
Bricks and ceramic CMUs, silicate: Prime with GRUNTOLIT-W 301 or EXPERT 6
Autoclaved aerated concrete elements: Prime with GRUNTOLIT-SG 302 or EXPERT 5

Surface pre-treatment

While making bases, it is necessary to comply with the rules on using expansion joints. In case of making a base linked with a bed, it is necessary to transfer any possible expansion joints in a bed so that expansion joints in the base made will overlap with them. Before pouring a screed, it is necessary to make expansion joints separating from walls and other elements by using a special joint filler tape or strips of styrofoam preferably 10mm thick. Free edges of the area poured must be protected against flow of screed and it is also necessary to use an expansion joint separating from a limiter.

Preparation

Pour the dry mix gradually to a container with a sufficient amount of clean, cool water, mixing manually or using a low-speed mixer to produce homogenous, lump-free mass. Leave to mature for 5 minutes, and then mix again. If there is a need to use a part of the packaging, the entire dry compound must be carefully stirred because during transport components could be separated. Do not mix the hardened grouting mixture again.

Application procedure

Apply the prepared grout in a 50mm layer using a trowel or a long float with straight edges. Smoothen out the layer. For larger surfaces, remove excess material with a staff. If necessary, further layers can be applied after 48 hours. Process properly depending on the intended use. Freshly applied mortar should be protected against too fast drying, e.g. due to strong sunlight, high temperature in rooms, drafts, etc. When used outside the building, works should not be carried out during rainfall, during strong wind and high sunlight, without special sun exposure. covers limiting the impact of weather conditions. Leveled surfaces are recommended to be cared for by wetting with water during high air temperatures.

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Instructions

Avoid contact with skin and protect eyes. Detailed guidelines are included in the material safety data sheet.

Storage

Up to 12 months from the date of manufacture, in dry places and in intact packaging

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.