KREISEL®

PRIMING RENOVATION PLASTER 920

Lime-cement base plaster in the KREISEL renovation plasters system.

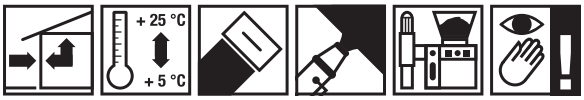
Areas of application:

PRIMING RENOVATION PLASTER 920 serves as a base for plasters 921 and 922 in the renovation plasters system, and is applied on surfaces with medium to high exposure to the effect of salt. Thanks to its high porosity, it absorbs and retains the salts migrating from the groundwork. The product is particularly recommended for renovating and maintaining historic monuments.
Product conforms to WTA guidelines
Suitable for machine-spray application (with double mixing system, e.g. DUO-MIX by M-TEC), as well as manual application.

Properties:

- Vapor-permeable
- Product conforms to WTA guidelines
- High porosity
- Waterproof
- Frost-resistant
- Hydrophobic
- High adhesion to humid groundworks with high salt content.
- Retains crystalline salts
- For areas with medium to high exposure to salts

Application procedure:



Technical data	
Item no.	**17071**
Packaging type	
Quantity per unit	30 kg
Unit per pallet	42 Pcs/pallet
Colour	Grey
Granulation	0 - 2 mm
Consumption	1.2 kg/m²/mm
Application time	approx. 2 hours
Layer thickness	10 - 20 mm
Capillary water absorption	≤ 0.4 kg/m²*min0,5
Soluble chromium VI content	≤ 0.0002 %
Amount of water required	approx. 6 l/bag
Reaction to fire	A1
Mortar class	CS III (3,5-7,5 MPa)
Adhesion to (Concrete)	≥ 0.2 MPa
Air content	≥ 45 %
Porosity	≥ 18 %

The product conforms to:

- EN 998-1

Material base:

- Hydrated lime
- Portland cement
- Mineral fillers
- Modifying additives

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Surface:	Before starting renovation works, it is advisable to carry out an accurate analysis of the substrate salinity and moisture state. Substrates should be free from dust, soot, grease, lubricants, anti-adhesive agents, paints, excess mortar etc Symptoms of biological aggression (fungi, mildew) must be removed using SEPTOBUD 1008 preparation. Old, destroyed plasters with moisture signs, efflorescence must be removed up to the height of 1m above the damage area. All potential efflorescence on an uncovered wall must preliminarily be removed mechanically. All grouts dropping off in a wall must be removed to the depth of 2cm, and next they must be filled with TYNK RENOWACYJNY 920 (RENOVATION PLASTER). When works are performed on a very absorbent substrate, it must be moistened with water preliminarily An uncovered wall must be coated with OBRZUTKA RENOWACYJNA 910 (RENOVATION RENDERING COAT) in accordance with its technical sheet. Plastering with a ground plaster may start not earlier than after 3 days from when the rendering coat dries up.
Types of substrate:	**Old plasters:** Preferably remove up to 1m above damage zone. **Very absorbent groundwork:** Moisten with water **Poor-quality, flaking wall joints.:** prime with GRUNTOLIT-SG 302, REMONT GRUNT 950 or IMPREGNATING LIQUID 900 (diluted 1: 2) **All groundwork types:** Treat with OBRZUTKA 910 rendering coat
Preparation:	Pour the dry mix into a sufficient amount of clean, cool water, mixing in a plastering unit (only dual-mixing plastering units are suitable for mixing the 910 rendering coat, such as DUO-MIX by M-TEC), or mix the grout mechanically, using a mixer, possibly a concrete mixer. Mechanic mixing time should be c.a. 2-3 minutes. When mixing by hand, the mortar must be mixed for approx. 4-5 minutes. Do not mix the hardened grouting mixture again. Always prepare next batches of the mortar in the same way because variable dosing of water may result in different colours. If there is a need to use a part of the packaging, the entire dry compound must be carefully stirred because components may have been separated during transport.
Application procedure:	Apply the mortar in an even layer on the entire surface, then smoothen out with a long float. With single-layer application (10-20mm). Perform the final smoothing (with a plastic, metal or felt long float) after the drying process has started (after c.a. 1.5 hour).
Application conditions:	Apply at temperatures from +5 °C to +25 °C, these temperatures apply to air, bed and product. All substrates shall be bearing, compact, stable, even and clean
Instructions:	All works carried out outside must be performed in rainless weather, when insolation is not too high and wind is weak. If it is necessary to carry out works in unfavourable conditions, use appropriate shields, reducing an impact of weather factors. Plastered rooms must be ventilated, however it is necessary to prevent draughts and prevent the mortar from drying up to quickly as a result of sunlight or heating. Always use the product at the temperature ranging from +5 °C to +25 °C. In the hardening time, maintain the temperature of min. +5 °C.
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.