



RENOVATION PLASTER 921

Gray, lime-cement renovation plaster in the KREISEL renovation system

Areas of application: RENOVATION PLASTER 921 is a finishing layer in the renovation plasters system, intended for surfaces with medium to high exposure to the effect of salt, applied on plaster 920. The plaster can be also applied as base on surfaces with medium and low exposure to the effect of salt. 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
 - Water-repellent
 - Product conforms to WTA guidelines
 - Retains crystalline salts
 - Frost-resistant
 - Waterproof
 - High adhesion to humid groundworks with high salt content.
 - High porosity
 - Contains trass

Application procedure:



Technical data	
Item no.	17070
Packaging type	
Quantity per unit	30 kg
Unit per pallet	40 Pcs/pallet
Colour	Grey
Granulation	0 - 2 mm
Consumption	11 kg/m ²
Application time	approx. 2 hours
Compressive strength (28 d)	≥ 3.5 N/mm ²
Layer thickness	10 - 25 mm
Capillary water absorption	≤ 0.2 kg/m ² *min0,5
Soluble chromium VI content	≤ 0.0002 %
Amount of water required	approx. 7.8 l/bag
Mortar class	CS II
Air content	> 40 %
Porosity	7.7 %

The product conforms to: • EN 998-1

- Material base:**
- Hydrated lime
 - Portland cement
 - Mineral fillers
 - Modifying additives
 - Trass



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Surface:	<p>Before starting renovation works, it is advisable to carry out an accurate analysis of the substrate salinity and moisture state.</p> <p>Substrates should be free from dust, soot, grease, lubricants, anti-adhesive agents, paints, excess mortar etc</p> <p>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).</p> <p>When works are performed on a very absorbent substrate, it must be moistened with water preliminarily</p> <p>An uncovered wall must be coated with RENOVATION RENDERING 910 in accordance with its technical sheet. You can start plastering with PLASTER 921 not earlier than after 3 days from when the rendering coat dries up (in the case of a medium and low level of salinity). In the event of using the PRIMER PLASTER 920, you must meet the appropriate seasoning time thereof: 1 day for each 1 mm of its layer and comply with recommendations included in the product technical card.</p>
Types of substrate:	<p>Old plasters: Preferably remove up to 1m above damage zone.</p> <p>Very absorbent groundwork: Moisten with water</p> <p>Poor-quality, flaking wall joints.: prime with GRUNTOLIT-SG 302, REMONT GRUNT 950 or IMPREGNATING LIQUID 900 (diluted 1: 2)</p> <p>All groundwork types: Treat with OBRZUTKA 910 rendering coat</p>
Preparation:	<p>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.</p> <p>When mixing by hand, the mortar must be mixed for approx. 4-5 minutes.</p> <p>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.</p> <p>Do not mix the hardened grouting mixture again.</p>
Application procedure:	<p>Apply, even and rub the mortar with a proper long float.</p> <p>While performing works and during drying process, protect from frost, rainfalls, too high temperatures and strong winds.</p> <p>Evenly apply the mortar on the entire plastered surface. Afterwards, even the plaster with a straightedge of H type removing excess plastering mortar perpendicularly to the application direction. Leave the surface treated this way until the plaster preliminarily bonds (approx. 1.5h). After this time, cut down the plaster with a feather edge until even surface develops. The plaster should be bonded so much in order that the feather edge will not pick it and so that it will result in its dusting. Rubbing the surface of the plaster with a styrofoam long float with a sponge or felt is the next stage. The rubbing process should start on the experimental basis.</p>
Application conditions:	<p>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</p>
Instructions:	<p>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 too 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.</p>
Storage:	<p>Up to 12 months from the date of manufacture, in dry places and in intact packaging</p>



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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.