KREISEL

# TECHNICAL DATA SHEET

## RENOVATION PLASTER 921

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

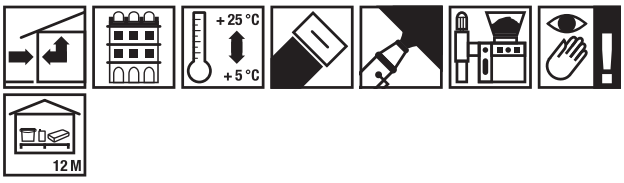
### Areas of application

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 number | 17070 |
|---|---|
| Packaging | |
| Quantity per unit | 25 kg/unit |
| Unit per pallet | 48 unit/Pal. |
| Grain size | 0-2 mm |
| Water requirement | approx. 6,5 L/unit |
| Capillary water absorption | ≤ 0,2 kg/m$^2$*min0,5 |
| Compressive strength | ≥ 3,5 N/mm$^2$ (28 d) |

Technical data sheet | EN | 07.08.2026

# RENOVATION PLASTER 921

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

| Item number | 17070 |
|---|---|
| Chromium content | ≤ 0,0002 % |
| Air content | > 25 % |
| Mortar class | CS II |
| Porosity | > 40 % |
| Coating thickness | 10-25 mm |
| Processing time | 2 h |

## Material base

- Lime
- Mineral fillers
- Modifying additives
- Hydraulic binder

## 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

## 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
Old plasters: Preferably remove up to 1m above damage zone.
Very absorbent groundwork: Moisten with water
Poor-quality, flaking wall joints.: Prime with REMONT GRUNT 950.
All groundwork types: Treat with OBRZUTKA 910 rendering coat

## Surface pre-treatment

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 RENOWACYJNA ZAPRAWA MURARSKO-TYNKARSKA 943. When works are performed on a very absorbent substrate, it must be moistened with water preliminarily 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.

## 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. In the case of application with a mixing pump, for easy application, we recommend applying the plaster with KALETA 5 unit with additional fittings: Kaleta 5 stirrer Light, D6-3 worm with a flipper, D6-3 jacket, Aerator (Turbine). It is possible to use an equivalent machine and fittings. When mixing by hand, the mortar must be mixed for approx. 4-5 minutes. 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. Do not mix the hardened grouting mixture again.

Technical data sheet | EN | 07.08.2026

# RENOVATION PLASTER 921

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

## Application procedure

Apply, even and rub the mortar with a proper long float. While performing works and during drying process, protect from frost, rainfalls, too high temperatures and strong winds. 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.

## 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 listed in this product specification has been determined under laboratory conditions.

Technical data sheet | EN | 07.08.2026