



KREM DO INIEKCJI 901

Cream based on siloxanes for injection in walls with high humidity

Areas of application: Injection cream 901 is a specialized, ready-to-use, organosilicon, solvent-free preparation based on silanes.
A product designed for creating/restoring a horizontal barrier protecting against capillary water rise. Suitable for gravity injection in highly damp walls (up to 95% moisture), characterized by high porosity, containing voids, cracks, and fissures. It is dedicated to damp buildings, especially for conservation work in historic structures.

- Properties:**
- Vapor-permeable
 - Alkali-resistant
 - For gravitational and pressure methods
 - Ready to use
 - Hydrophobizes and narrows down the capillaries
 - High efficiency
 - high efficiency
 - Frost-resistant

Application procedure:

Technical data	
Packaging type	
Quantity per unit	10 kg/unit
Colour	White
Density	approx. 0.9 g/cm ³
Drying time	from 24 to 72 hours
pH-value	approx. 12

The product conforms to: • Not applicable.

- Material base:**
- silane
 - Organosilicon compounds
 - Water

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).

Types of substrate: **Old plasters:** Preferably remove up to 1m above damage zone.

Preparation: In the case of injections, apply the liquid into boreholes executed, using a suitable dispenser. Perform the injections until the area surrounding the borehole is fully saturated.



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Application procedure:	<p>For wall injection, a row of holes should be drilled approximately 100 mm above the water level (or the internal floor level) at intervals of about 10–12 cm, with a diameter of no less than 12 mm, using equipment that generates minimal vibrations. The drilling should be done in a horizontal plane (perpendicular to the vertical plane of the wall), directly in the selected mortar joint. If possible, the holes should end at a distance of approximately 2 cm, max. 4 cm before reaching the other side of the wall.</p> <p>The wall saturation process should be constantly monitored to ensure that the injection cream does not leak through cracks, unfilled joints, or voids in the wall.</p> <p>If white efflorescence appears on the surface near the injection holes, it should be cleaned using a brush.</p> <p>Consumption (assuming 8 holes per 1 linear meter in a single row with a diameter of 12mm): for a wall thickness of 10 cm approx. - 0.05L, 12 cm approx. 0.064L, 24 cm approx. 0.184L, 36 cm approx. 0.32L, 51 cm approx. 0.40L, 64 cm approx. 0.54L, 77 cm approx. 0.64L.</p>
Application conditions:	<p>Apply in temperatures from +5 °C to +25 °C, these temperature refer to air, groundwork and product temperature.</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. Impregnated 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. The fluid must always be applied at the temperature ranging from +5 °C to +25 °C. Temperature > +5 °C must also be maintained within min 3 days from application of the preparation on the bed.</p>
Storage:	<p>The mortar can be stored for up to 12 months from production date in sealed packaging and at temperatures, ranging from +5 °C to +25 °C. The storage area shall be kept out of the reach of children, protected against direct sunlight and located far from heat sources and naked flames. It can be transported by any means of transport, at a temperature not lower than +5 °C. It is not subject to ADR provisions.</p>
General information:	<p>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.</p> <p>All technical data is given for the temperature of 20 degrees Celsius. These temperatures apply to air, bed and embedded material.</p>