

IMPREGNATING PRIMER IG 20

- > lime and water-repellent
- > provides lasting protection
- > as jointing aid
- > ready-to-use



Product description

Ready-to-use special impregnator with water and oil-repellent ingredients. The product is water-based and, therefore, free of organic solvents.

Indoors and outdoors. For protecting polished and rough natural stone, rough and polished calciferous materials, artificial stone, cotto, etc. Absorbent, unglazed tiles can also be impregnated. Fine stoneware can also be impregnated, depending on absorbency. Since the product has only a weak inherent odour, which also evaporates very quickly, the product is particularly suitable for indoors. However, ventilation is still recommended.

Delivery format

Container	Outer packaging	Pallet
1 L / KFL	6	378 KFL

Storage

Can be stored frost-free, cool, and dry on wooden shelves in the unopened original container for 1800 days

Processing

Processing

The product penetrates the absorbent substrate and forms a wafer-thin film in the capillaries. This reduces the penetration of aqueous and oily contaminants. The appearance of the surface is virtually unchanged. There is no gloss. A slight colour strengthening is possible depending on the substrate.

The covering must be completely dry, stain-free, and clean before application. Remove contaminants with suitable cleaners. Shake well before use. Apply the impregnator undiluted with brush, roller or sprayer fully and evenly. Ensure even wetting on polished surfaces by wiping several times. This measure is necessary because the product, like all non-relieved, aqueous products, concentrates into puddles/pools. The unwetted surface is not sufficiently protected. Excess product should be removed after approx. 10 – 20 min. Do not allow to dry on. Only process partial areas. Repeat treatment on strongly absorbent, rough substrate if required. After approx. 20 minutes/20 °C, the product starts to dry onto the surface.

Technical data

Density	approx. 1.00 g/cm ³
Consumption	depending on the absorbency of the substrate 20 m ² /l
Processing temperature	+5°C to +25°C
Appearance	clear, yellowish

Substrate

Suitable substrates

Requirements for mineral substrates:

the substrate must be dry, stable, and free of separating, intrinsic, and dissimilar substances, pursuant to the IBF Guideline "Industrial floors made of reactive resin". Residual moisture max. 4 % by weight, measured with the CM device. Substrate temperature greater than 12 °C and 3 K above dew point; adhesive tensile strength on average 1.5 N/mm²; adhesive tensile strength smallest single value 1.1 N/mm²

Product and processing instructions

Special information:

For polished acid-sensitive materials such as limestone and marble, a test surface must be applied, as the polish can be damaged. Although water-based products are more tolerant of moist substrates, a dry coating is required. If the covering is not sufficiently dried out, the product cannot penetrate into the capillary system as this is already filled with water. With only partially dried surfaces it can lead to an uneven appearance due to the different penetration behaviour (colour intensity varies). The formation of a beading effect hardly takes place with polished surfaces – with rough surfaces to a lesser extent than is known from solvent-containing products. However, this does not mean that impurities can penetrate the surface (the beading effect is not the same as penetration).

Material information:

- When working outside the ideal temperature and/or humidity range, the material properties may change significantly.
- Temper materials accordingly before processing!
- To retain the product properties, no foreign materials may be mixed in!
- Water dosing amounts or thinning specifications must be precisely kept!
- Check coloured products before use for colour accuracy!
- Colour consistency can only be guaranteed within a batch.
- The environmental conditions significantly influence colouring.

Environmental information:

- Do not process at temperatures below + 5°C!
- The ideal temperature range for material, substrate, and air is +15°C to +25°C.
- The ideal relative air humidity range is between 40% to 60%.
- Increased humidity and/or lower temperatures delay and lower air humidity and/or higher temperatures accelerate drying, setting, and hardening.
- Ensure sufficient ventilation during the drying, reaction, and hardening phase; avoid draughts!
- Protect from direct sunlight, wind, and weather!
- Protect adjacent components!

Tips:

- We recommend using a test surface first or a small area for initial, small-scale testing.
- Observe the product data sheets of all MUREXIN products used in the system.
- Keep a genuine original container of the respective batch for later repair work.

The information provided reflects average values obtained under laboratory conditions. Due to the use of natural raw materials, the indicated values of individual deliveries may vary slightly without impacting the product suitability.

Safety instructions

Please refer to the safety data sheet for product-specific information with regard to composition, handling, cleaning, corresponding actions, and disposal.

Limiting and monitoring exposure

Personal protective equipment:

General protection and hygiene measures:

- Keep away from foodstuffs, beverages, and feedstuffs.
- Take dirty, soaked clothing off immediately.
- Wash your hands before breaks and after finishing work.

Breathing protection: not required.

Hand protection: protective gloves.

Glove material

- The selection of a suitable glove depends not only on the material, but also on other quality properties, which may vary from manufacturer to manufacturer.

Penetration time of the glove material

- The precise penetration time is to be found out from the protective glove manufacturer and complied with.

Eye protection: Protective goggles recommended when decanting.

Body protection: occupational protective clothing.

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Please observe the current, technical, national and European standards, guidelines and data sheets regarding materials, substrates and the subsequent construction. Please contact us if you have any reservations or doubt.

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