IPS-300

INVISIBLE WATER-BASED MINERAL SURFACE IMPREGNATION FOR ABSORBENT POROUS SURFACES



PRODUCT DESCRIPTION

Invisible water-based mineral surface impregnation for absorbent porous surfaces. Treated surface becomes water and dirt proof, does not change colour and remains vapor permeable. Provides 10 years protection against rain penetration and pollution, improves the insulation capacity, which leads to energy savings.

FIELD OF APPLICATION

For absorbent and porous, mineral surfaces such as facades, masonry, paving, terraces and pool copings (brick, concrete, sand-lime brick, sandstone, limestone, porous natural stone and tiles)

PROPERTIES

· Water- and dirt proof
· Vapour permeable
· UV resistant
· Doesn't affect surface colour
· Hydrophobic technology
· Durable effect: 10 years protection

CERTIFICATES & STANDARDS

Certificates	
KOMO®	KOMO: Invisible surface impregnation. Certificate SKGIKOB.012462 based on BRL 1154.

PREPARATION

Working Conditions: Use at temperatures between +5 °C and +35 °C. Upon application, the surface temperature should not exceed 40°C. Do not apply if rain is expected within 4 hours.
Personal safety: Wear protective gloves / protective clothing / eye protection / face protection
Surface Requirements: Not suitable for non porous mineral surfaces. Always try beforehand on a small (preferably non visible) place.
Tools: Pressure sprayer

APPLICATION

Coverage: 5 liter of IPS-300® is sufficient for approximately 13 - 17 m² of surface applied in 2 layers (wet on wet). Actual consumption depends on porousness of the surface, application method, experience and weather influences.
Directions for use:
Always check porousness of the surface in advance! Clean surface from dirt, dust, oil, old paint, efflorescence and organic growth. If a green algae remover, acid or alkaline cleaning agent has been used, rinse the surface well with water. Surface has to be complete dry before application. Mask surfaces which will not be treated, such as window frames, windows and plants. Do not apply if rain is expected within 4 hours. Shake jerrycan before filling pressure sprayer. Do not dilute IPS-300®. Spray in small sections of 1-2m² – apply from top to bottom – at an approximate 20 cm distance from the surface. Always apply second layer 'wet on wet' – within 10 minutes of previous application. Once treated surface is dry, it's not possible to apply an additional layer. IPS-300® may also be applied with brush or roller in case of small surfaces. Use water to clean tools afterwards. The surface is water and dirt repellant after 12 hours – maximum protection after 7 days.
Stains/residue: Fresh residue - wipe off any fresh residue before the product dries and clean with water. In case a white slayer appears after 24 hours, this can only be removed mechanically. Use a fine abrasive pad/ scrub pad which can be used on an electric drill to remove white stains carefully.
Advice: If medical advice is needed, have product container or label at hand.
Points of attention: Always try beforehand on a small (preferably non visible) place. Risk of corrosion: protect material in the vicinity, such as window frames, windows and plants. If applied in excess, a white deposit may form (after drying), which is difficult to remove.

Our advice is based on extensive research and practical experience. However, in view of the large variety of materials and the conditions under which our products are applied, we assume no responsibility for the results obtained and/or any damage caused by the use of the product. Nevertheless, our Service Department is always at your disposal for any advice needed.

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TECHNICAL SPECIFICATIONS

Chemical base:	Silanes
Colour:	Transparent
Colour after curing/drying:	Transparent
Density approx.:	1 g/cm^3
Dilute:	Do not dilute.
Drying/Curing time approx.*:	24 hours
Minimum application temperature:	5 °C
Maximum application temperature:	35 °C
Minimum temperature resistance:	-20 °C
Maximum temperature resistance:	90 °C
Moisture resistance:	Very good
Paintability:	Yes
pH-value approx.:	14
UV resistance:	Very good

* Curing time may vary depending on a.o. surface, product quantity used, humidity level and ambient temperature.

STORAGE CONDITIONS

Shelf life: At least 18 months after production.
Store in a dry place in a sealed packaging, at a temperature between +5 °C and +25 °C. Best before date (MM/YY): see package.
Limited shelf life after opening.

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