

ConProtect Creme IN

Water repellent impregnation for dense and porous mineral substrates

PRODUCT DESCRIPTION

Pasty, aqueous water repellent for hydrophobic treatment of dense building materials and ready to use injection agent for protection against rising damp in masonry.

BENEFITS & ADVANTAGES

- provides significant reduction of water uptake
- shows very high reactivity and resistance against alkali
- penetrates deeply in porous, mineral substrates
- shows no formation of sticky silicone films
- gives invisible and water vapor permeable protection
- reduces the uptake of water-soluble pollutants (e.g. chlorides)
- effective on micro cracks up to 0.3 mm
- prevents material loss through run-off
- provides long contact times with the substrate due to its pasty consistency
- Easy to apply
- Long lasting protection against rising damp

TYPICAL APPLICATIONS

ConProtect Creme IN is suited for a hydrophobizing impregnation of porous and mineral substrates and ready to use injection agent for against rising damp in masonry

- Concrete
- Clay bricks
- Clay roof tiles
- Clinker masonry
- Sand limestone

TYPICAL PROPERTIES

Property	Unit	Value
Active Content	%	70
Appearance		White paste
Density	g/cm ³	0.90 (DIN 51757 @ 20 °C)

HANDLING & PROCESSING

Application as a Water Repellent – ConProtect Creme IN

The surfaces to be treated must be dry and clean. Acceptable cleaning methods include sandblasting and pressure washing. Damages such as cracks larger than 0.3 mm or other broken areas must be repaired.

ConProtect Creme IN should be applied to the surface using a brush, trowel, or evenly distributed with a roller (e.g., lambswool roller). The required layer thickness depends on the porosity, condition, and moisture of the substrate. For large areas, ConProtect Creme IN can also be applied by spraying. Non-absorbent surfaces such as windowsills, plastic parts, glass, etc., must be protected before application. Surfaces that accidentally come into contact with ConProtect Creme IN can be cleaned with alcohol (spirit) or water-soap solution. Cleaning should be performed as soon as possible (within a few hours); otherwise, the formation of a silicone resin film may make cleaning difficult. If a silicone resin film has formed, it can be most effectively removed with ethanol (or spirit). Plants should be protected from contact with the product.

Application conditions:

- Substrate and ambient temperature: 5 to 40 °C
- Substrate relative humidity: < 75%
- Air relative humidity: < 85%
- Wind speed: < 10 m/s

Areas treated with ConProtect Creme IN must be protected from rain or flooding for at least 24 hours. Using ConProtect Creme IN in direct, intense sunlight may result in increased runoff and material loss.

Application as an Injection Agent – ConProtect Creme IN

ConProtect Creme IN is typically applied by pressureless injection using a cartridge gun or similar device. To properly install the product, holes must be drilled into the masonry. The recommended spacing between drill holes depends on the absorbency of the substrate, but the standard recommendation is 10 cm. The drilling depth depends on the wall thickness, ensuring at least a 5 cm remaining thickness.

Before injecting ConProtect Creme IN, the holes must be cleaned of dust. For the horizontal barrier to function correctly, it is essential that the barrier zone in the masonry is fully saturated with the product.

Masonry treated with ConProtect Creme IN should be allowed to dry for at least 24 hours, during which time it must be protected from water exposure.



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DOSAGE

ConProtect Creme IN as a Water Repellent

ConProtect Creme IN is used undiluted. The amount and concentration of ConProtect Creme IN required strongly depend on the absorbency of the substrate and the desired penetration depth. For concrete, the application rate can be approximately 400 g/m².

ConProtect Creme IN as an Injection Agent

The consumption rate needed for effective protection may vary, depending on the absorbency of the masonry. To determine the appropriate consumption rate for ConProtect Creme IN, as well as to evaluate any pre-treatment or post-treatment conditions, it is recommended to conduct a small test area first.

STORAGE

The product must be stored at temperatures between +3 °C and +40 °C. When stored under suitable conditions in unopened original packaging, the shelf life is 12 months. It is recommended to use opened containers within 3 months.

HEALTH AND SAFETY

Before considering the use of ConProtect Creme IN, carefully read its Safety Data Sheet (SDS) to obtain safety and toxicology information, as well as guidelines for proper transport, storage, and usage. The Safety Data Sheet is available on our website at www.slprotection.eu or upon request from your local representative.

PACKAGING


ConProtect Creme IN (liquid) is available in 25L canisters.

WASTE DISPOSAL

When disposing of waste, follow local waste management regulations and take hazardous waste to an appropriate collection point.

MANUFACTURER CONTACT

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1119-CPR-21225 EN 1504-2:2004	
Hydrophobizer Impregnation ConProtect Creme IN	
Penetration depth	2. class, ≥ 10 mm
Water absorption coefficient	< 7,5 % compared to untreated test piece
Water absorption coefficient	< 10 % after impregnation in alkali solution
Drying speed of the hydrophobizer	2. class > 10 %
Dangerous substances	In accordance with 5.3



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NOTE: All reasonable precautions have been taken in the manufacture of ConProtect SL 410 products to ensure compliance with ConProtect SL 410 high-quality standards. Recommendations and product features are believed to be based on the most reliable information available, and do not constitute recommendations to infringe the rights of other patents. Although all ConProtect SL 410 products undergo rigorous quality testing, no specific guarantee can be given as results depend not only on quality but also on factors beyond our control. Therefore, we are happy to consult with you in case of any doubts regarding the application or the indicators, also pointing out that any oral recommendations other than those given here are not binding without written confirmation from ConProtect SL 410. All transactions are subject to our terms of sale, delivery and service. This data sheet supersedes the previous one, a superseding version can be issued without notice, if necessary. The information on this page is true and reliable to the best of our knowledge. The offered on-site service cannot be taken as responsible supervision. Therefore, our warranty is limited to the quality of the materials supplied.