

Consilex Idroplus

Alkali-stable concentrated water repellent for absorbent materials



Consilex Idroplus is a concentrated silicone-based product formulated to impart hydrophobic and consolidating characteristics to absorbent mineral building materials, including alkaline materials, natural stones and gypsum. VOC = 0

CUSTOMS CODE:

COMPONENTS: Single-component

APPEARANCE: Liquid

AVAILABLE COLORS: Transparent

PACKAGING AND DIMENSIONS: Plastic can 5 l - Plastic can 10 l - Plastic can 25 l

FEATURES AND BENEFITS

Consilex Idroplus is particularly suitable for: - Manufactured goods in baked clay - Shingles - Bricks - Mortars, plasters and cement conglomerates - Plaster - Natural stones - Mineral materials for thermal insulation

FIELDS OF APPLICATION

Impregnating, waterproofing, protective, consolidating and alkalisating treatment for absorbent materials.

ALLOWED SUPPORTS

Plasters - Concrete - Cement-based or lime-based mortars - Plaster (gypsum) - Tuff - Mixed walls (bricks and stones) - Stone walls - Porphyry and natural stones

PREPARATION OF SUPPORTS

The supports must be dry, clean and dust-free. In particular, pay attention to saline concentration, dirt, grease, oils, paints, moss and weeds, which can prevent the in-depth penetration of the product and that must be removed beforehand.



MODE OF USE

After dilution, Consilex Idroplus can be applied to clean absorbent mineral substrates by low-pressure spraying, roller, brush or total immersion. Apply the product homogeneously and evenly, by spraying at low pressure or brushing on one or more coats, preferably without interruption or time intervals between one coat and the next, taking care to achieve the best saturation of the wall material. For the treatment of raw ceramic materials such as tiles, bricks and flower pots, dilutions from 1:10 to 1:100 parts by weight are recommended. The exact dilution should be determined by experimental testing. For waterproofing cement or gypsum plasters or natural stones, the recommended dilutions are 1:10 to 1:30 parts by weight. Apply Consilex Idroplus only on dry and clean mineral and absorbent media not affected by capillary rising phenomena. Shielding just-treated items from rain is recommended until complete water repellence development. It is in any case advisable to perform preliminary tests on the surface to be treated so as to verify the optimal operating conditions and the correct dilutions for use. Due to the high alkalinity of Consilex Idroplus, it is essential to handle the product with care, wearing glasses, a mask, protective gloves and waterproof overalls.


APPLICATION METHODS


Low pressure airless nebulizer - Brush


TOOL CLEANING


Water

KEY FEATURES

 Shelf-life: 12 months

 Use wearing protective glasses

 Solvent-free

 Use wearing protective gloves

TECHNICAL SPECIFICATIONS

pH > 13

Active substance \pm 50 %

CONSUMPTION

Consilex Idroplus is supplied in concentrated form and therefore must be diluted in demineralized water before the application. Ready-to-use solutions can be stable for 12 months if stored correctly. Consilex Idroplus is to be applied in accordance with the porosity of the base. Perform preliminary tests.

STORAGE AND CONSERVATION

Protect from freezing. Store the product in its original packing, in a fresh and dry environment, avoiding frost and direct sunlight. Store the product at a temperature between +5°C and +35°C.



PHOTO GALLERY



ADDITIONAL CONTENT



WARNINGS AND PRECAUTIONS

The general information, along with any instructions and recommendations for use of this product, including in this data sheet and eventually provided verbally or in writing, correspond to the present state of our scientific and practical knowledge. Any technical and performance data reported is the result of laboratory tests conducted in a controlled environment and thus may be subject to modification in relation to the actual conditions of implementation.

Azichem Srl does not assume any liability arising from inadequate characteristics related to improper use of the product or connected to defects arising from factors or elements unrelated to the quality of the product, including improper storage. Those wishing to utilise the product are required to determine prior to use whether or not the same is suitable for the intended use, assuming all consequent responsibility.

The technical and characteristic details contained in this data sheet shall be updated periodically. For consultation in real time, please visit the website: www.azichem.com. The date of revision is indicated in the space to the side. The current edition cancels out and replaces any previous version.

Please note that the user is required to read the latest Safety Data Sheet for this product, containing chemical-physical and toxicological data, risk phrases and other information regarding the safe transport, use and disposal of the product and its packaging. For consultation, please visit: www.azichem.com.

It is forbidden to dispose of the product and/or packaging in the environment.

