

## Consilex Altrain WV

Transparent water-based water-repellent solution for wall surfaces



Nano-dispersion of water-based reactive amino functional silanes and siloxanes. Water-repellent impregnating agent, colourless, non-filming, protects plasters, cementitious systems, natural stones, tuff, etc., from adverse weather conditions, frost and thaw cycles and from atmospheric aggressions. It does not alter the colour of the surface and does not change the original appearance and breathability.

**CUSTOMS CODE:** 3824 9970

**COMPONENTS:** Single-component

**APPEARANCE:** Liquid

**AVAILABLE COLORS:** Transparent

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

### OBTAINED CERTIFICATIONS AND REGULATIONS



### FEATURES AND BENEFITS

"Consilex Altrain WV belongs to the new generation of water-repellent agents based on organo-modified water-soluble silanes and siloxanes characterized by low emission of volatile organic compounds VOC and the absence of flammability and toxicity. The product is characterized by a low molecular weight that allows the excellent penetration deep into mineral absorbent materials without varying the permeability to water vapour nor the chromatic appearance of the surface. The particular chemical structure of Consilex Altrain WV assures its high alkali stability and therefore durability over time applied to alkaline materials such as cementitious plaster, mortar and cement. The result is a product with the following advantages: - non-flammable - with low VOC - without emulsifiers - ecological. The treatment of absorbent mineral materials performed with Consilex Altrain WV is characterized by: - duration over time; - absence of chromatic variations of the surface; - excellent breathability to water vapour; - high pearling effect; - resistance to acids and alkalis; - resistance to U.V. rays; - absence of reaction by-products harmful to people and the environment"

### FIELDS OF APPLICATION

Impregnation, waterproofing, protective treatment of out-of-quota wall coverings, in brick, marble, slate, limestone, natural stone, tuff, cementitious or lime-based conglomerates in general, etc.

### ALLOWED SUPPORTS

Concrete - Cement-based or lime-based mortars - Wood - Bricks - Rock walls - Porphyry and natural stones



## PREPARATION OF SUPPORTS

It is advisable to treat vertical or highly inclined surfaces previously cleaned from soluble salts and dirt, taking care to eliminate even the parts with low surface adhesion by brushing and hydro-sandblasting. It is always essential to close the gaps of over 0.3 mm. Apply on dry surfaces. In case of rain or washing of the surfaces, wait 3 days before the treatment at a temperature of at least 20 °C.

## MODE OF USE

Apply the product evenly and uniformly, by nebulization at low pressure or with a brush in one or more coats, possibly without interruption or intervals of time between one coat and the next, taking care to obtain the best saturation of the wall covering.


## APPLICATION METHODS

Low pressure airless nebulizer - Brush - Paint roller

## TOOL CLEANING

Water

## KEY FEATURES

-  Density: 1 kg/dm<sup>3</sup>
-  Shelf-life: 12 months
-  To be applied in two coats
-  Use wearing protective gloves
-  Material 100% eco-friendly
-  Solvent-free
-  Use wearing protective glasses

## TECHNICAL SPECIFICATIONS

EN 13579 Classe II  
Drying speed coefficient **45 %**

EN 13580  
Water absorption and alkali resistance **6.8 %**

EN 13579  
Depth of penetration < **10 mm**

## CONSUMPTION

From 0.15 to 0.30 litres of Consilex Altrain WV for each square metre of surface to be treated, based on the porosity of the support.

## STORAGE AND CONSERVATION

Protect from freezing. Store the product at a temperature between +10°C and +30°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](http://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](http://www.azichem.com).

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

