

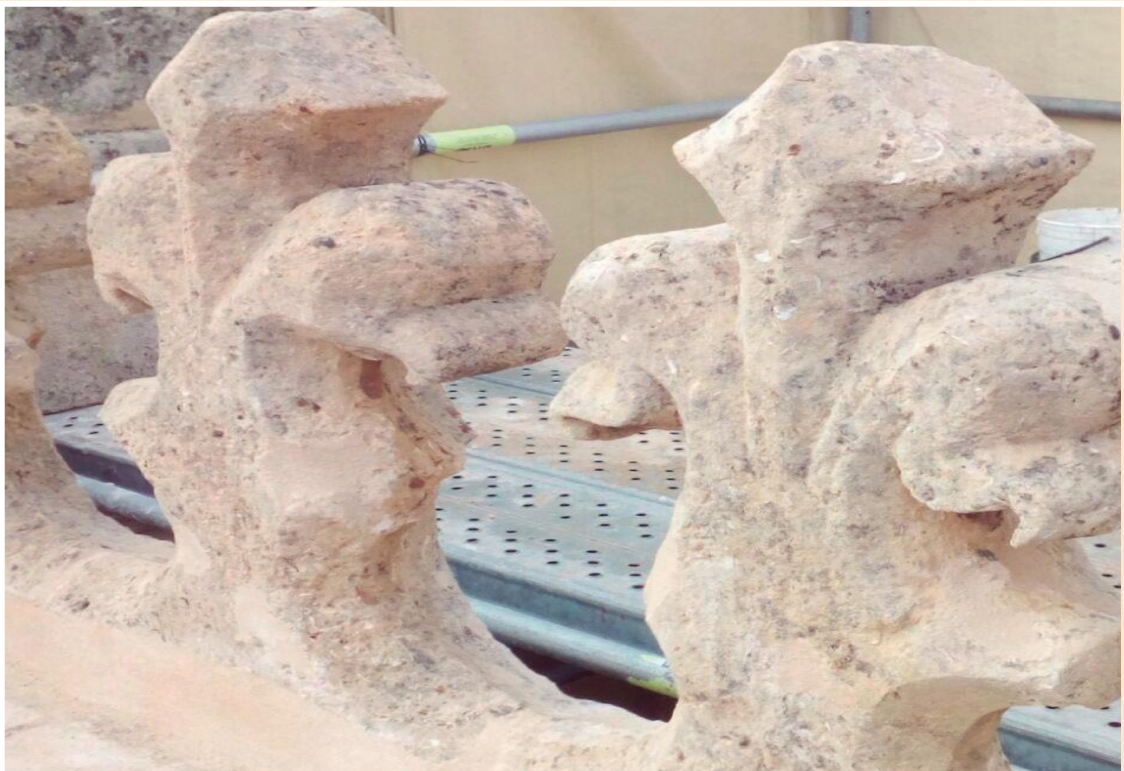
***Tecnadis***

  
Nano-based

***SOLIDUS***

**Surface hardener for the restoration of natural stone and other porous materials.**

Mono-component solution specific for porous stones that reacts with ambient humidity, working as a binder system.



Surface hardener designed to be applied on all types of absorbent materials such as sandstone, tuff, trachyte, brick, earth, etc.

## GENERAL PROBLEM

Negative influence of internal (intrinsic to the material) or external (environmental) pathogen agents such as sandblasting, alveolization, cracking, fragmentation and meteorization.



## USES AND APPLICATIONS

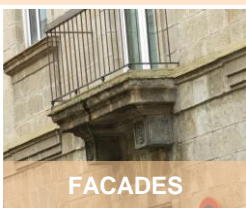
Mono-component surface hardener specific for the restoration of porous stones. Applicable to all types of absorbent mineral materials, such as sandstone, granite, limestone, tuff, brick, earthen materials, etc., which degrade easily due to atmospheric agents. For a correct application, the surface to be treated must be absorbent and be clean and dry. It is recommended that the application temperature is as minimum 10°C and as maximum 25°C.



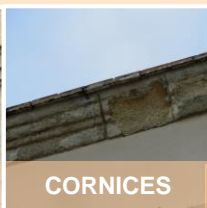
WALLS



DRIP LEDGES



FACADES



CORNICES



SCULPTURES

# Tecnadis SOLIDUS

## CHARACTERISTICS

**Mono-component product**, non-toxic, safe and easy to use.

**Very good penetration** into the stone material to be treated.

**Total drying**, without formation of sticky substances.

**It is created a mineral binder stable to UV rays**, unaffected by atmospheric agents.

Complete impregnation without forming film and with a good water vapour permeability.

No chromatic changes in the treated stone material.

**The binding effect is achieved when the product reaches the healthy nucleus of the material**, where after a reaction with the atmospheric humidity, changes are produced in the siliceous part, constituting the agglutinating substance that consolidates the treated material.

## PERFORMANCE

It can vary (according to material absorption), from 0,3 to 15 L/m<sup>2</sup>. It is recommended to carry out a previous test to determine in each case and with the specific material to treat, its concrete performance.

Keep containers in a cool and dry place. Protect from sources of heat and sunlight.

## APPLICATION METHOD

It is recommended to apply the product by spraying or low pressure (0,5 bar maximum). It can be also applied by dip coating. The material to be treated must be completely saturated with product (until it is rejected), to facilitate its penetration into the healthy nucleus of the stone.

One application is usually enough, but sometimes it is necessary to repeat the treatment after 2 or 3 weeks.

For optimal results, wait 4 weeks.

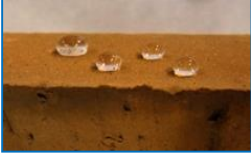
Once consolidation is completed, it is essential to apply a water-repellent treatment based on nanoparticles, such as the TECNADIS range of water-repellent and oil-repellent products for vertical and horizontal surfaces (AQUASHIELD ULTIMATE, AQUASHIELD FORTE, TECNADIS PRS PERFORMANCE).

## TECNADIS SOLUTIONS – READY TO USE NANOPRODUCTS

Our Tecnadis products catalogue already includes the following solutions for the protection of porous and low porosity substrates :

### AQUASHIELD ULTIMATE

Water repellent product for facades of porous materials.



### AQUASHIELD FORTE

Reinforced water repellent for porous materials



### TECNADIS PRS PERFORMANCE

Hydrophobic and oleophobic product for floors, pavements and facades.



## SUCCESS STORIES

Historic building:



Oviedo Cathedral  
(Asturias, Spain)



Headquarters Bank of  
Spain (Madrid, Spain)



Royal Palace of La Granja de  
San Ildefonso (Segovia, Spain)



National Theater San Joao  
(Oporto, Portugal)

Otras edificaciones:



MAAT Building  
(Lisboa, Portugal)



Courts of La Caleta (Granada,  
Spain)



Primary Care Center  
Of Badalona (Barcelona, Spain)



ARTEA Shopping Centre  
(Vizcaya, Spain)

Available in formats of:

1l, 5l, 25l



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