



ADVANCED PROTECTIVE NANO COATINGS Think Big, Act Nano

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Introduction



TECNAN main building in Los Arcos (Navarra)

I.I. Who we are

TECNOLOGÍA NAVARRA DE NANOPRODUCTOS, S. L. (TECNAN), was founded in December 2007, solidly supported by the innovative technologies developed at the **Lurederra Technology Centre**, a private research centre applied to industry and with proven national and international experience in the industrial application of nanotechnology, which also participates in the company's capital.

In recent years they have jointly developed totally innovative production lines, obtaining production systems of their own design, unique in the world. This fact has allowed TECNAN to **develop and manufacture exclusive products for large-scale consumption,** which have a successful impact due to the advantages and benefits they offer.

I.II. Our goal

TECNAN was created with the aim of converting the raw materials produced, nanoparticles, into mass consumption products, both for professionals and end consumers. Providing added value to the services and products offered by companies in the market, as well as facilitating the day-to-day life of end consumers.

I.III. What makes us different

- OWN DESIGN PRODUCTION TECHNOLOGY: The production methods developed by TECNAN are singular in the market and are based on own tools and designs. These processes are unique in the world, both for the production of highly sophisticated nanoparticles (with a production capacity of 10 Tn/year) and for the manufacture of consumer products based on nanotechnology and advanced chemistry.
- 2. **HIGH QUALITY COMPLEX NANO OXIDES:** Available for very specific applications.
- INTENSIVE R&D COMPANY: Constant development of new products and applications, involvement in international research projects and technical support from a R&D department of over 35 technicians.
- GREAT VERSATILITY & FLEXIBILITY: Customised products for specific uses (adjustment of tone, colour, additional properties, etc.).

I.IV. Our technology

The use of own nanoparticles is what creates the main difference and competitive advantage of TECNAN products.

- The nanoparticle is the active compound that enhances the surface effects: hydrophobicity, stain repellency, easy cleaning, etc.
- The intrinsic properties of these raw materials, their small size and large contact surface area, make the products more effective, thus breaking with the traditional use of chemical compounds.
- Their size is so small that in porous materials, in no case can they obstruct, close or modify the microporosity of the substrates.
- Technological revolution, based on advanced nanotechnology, which creates a non-filmogenic 3D protection, which does not seal, does not react chemically and does not modify the colour of the substrate.

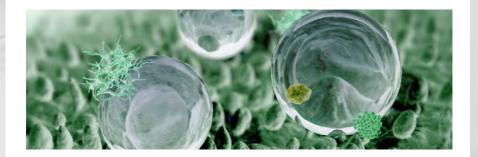
Small nanoparticles with large contact surface area



Nanoparticles enhance surface effects



Greater effectiveness



I.V. Our busines

TECNAN produces and commercialises new raw materials, high performance nanoparticles, for several industrial applications, as well as ready-to-use products, based on nanotechnology and advanced chemistry, for different markets, both nationally and internationally.



Rehabilitation, Conservation and Construction



Automotive



Solar Energy



Textile and Footwear



Industrial

Practicality, innovation and high technology have enabled TECNAN to manufacture and commercialise unique products that have become market leaders in their respective fields of application.

II. Protection of porous building materials

II.I. Aquashield Range

Hydrophobic protection for vertical surfaces

- They reduce water absorption and slow down the ageing and degradation of substrates, delaying the appearance of stains and pathologies caused by humidity (algae, moss, mould, etc.).
- They do not form film, they do not seal, the microporosity of the substrate remains unchanged, allowing the breathability of the substrate.
- High resistance and durability against rain.
- No polymerisation reactions, catalysis, etc. No chemical degradation over time due to its inorganic composition. No yellowing.
- Totally resistant to UV radiation.
- · Colourless, they do not alter aesthetic, texture or colour of the materials.
- Re-applicable, with no need to remove previous product remains. Easy handling and application.
- Thanks to their high water repellency, they keep surfaces cleaner for longer. Raindrops wash away dirt.
- The Aquashield range includes "Aquapore", water-based solutions.

Aquashield Ultimate



Aquapore



Aquashield Forte



Aquapore Forte



Aquashield Active



Aquapore Active



Available in 1L, 5L and 25L.

AQUASHIELD ULTIMATE

Hydrophobic nano protector







AQUASHIELD ULTIMATE is the first hydrophobic product based on nanoparticles for porous materials. The product has been developed to be used as a protector

25L

of natural stone facades (marble, slate, granite, limestone, sandstone). It is also suitable for protecting concrete and masonry, both in rehabilitation and new construction.

This is the solution that best fits the description of what a good protective treatment for the Restoration and Conservation of Historical and Artistic Heritage should be, and is therefore an excellent solution for Conservation and Restoration works.

- √ Hydrophobic
- ✓ Solvent-based
- Certified durability over 10 years

- ✓ Colourless
- ✓ Breathable
- √ Yield: 3-8 m²/l

FULL COMPATIBILITY WITH ALL TYPES OF POROUS BUILDING MATERIALS



SANDSTONE 3-3,5 m2/l



MARBLE $8 \, \text{m}^2/l$



6-7 m²/l



BRICK 5 m2/l

How to use it

SURFACE

PREPARATION: Before application, the surface must be completely clean and dry. Avoid the presence of fissures or cracks in the substrate

APPLICATION: Shake the container vigorously. Apply the product with a handheld sprayer or a standard airless sprayer (low pressure) brush or roller. It is recommended to carry out two applications, and the second one can be applied on the substrate still wet

TIME:Optimum effect will be achieved after a complete drying time of 24 hours.



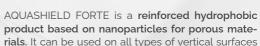
More info





AQUASHIELD FORTE

Reinforced hydrophobic protector



(façades) with special application on bricks, mortars, monolayers, concrete, prefabricated, natural stone and mixed surfaces in which different materials and porosities are found, both in rehabilitation and new construction

This product is particularly suitable for rainy areas or surfaces highly exposed to water. It can also be used for the protection of horizontal surfaces due to its hydrophobic property and its partial oleophobic performance.

- ✓ Reinforced hydrophobic
- ✓ Colourless
- Solvent-based
- Breathable

25L

- Certified durability over 10 years
- Yield: 4-8 m²/l

FULL COMPATIBILITY WITH ALL TYPES OF POROUS BUILDING MATERIALS



PREFABRICATED 6 m²/l



BRICK 5-6 m²/l



STONE 4-8 m²/l



MORTAR 5-6 m2/l

How to use it

SURFACE

PREPARATION: Before application, the surface must be completely clean and dry. Avoid the presence of fissures or cracks in the substrate

APPLICATION: Shake the container vigorously. Apply the product with a hand-held sprayer or a standard airless sprayer (low pressure) brush or roller. It is recommended to carry out two applications, and the second one can be applied on the substrate still wet

TIME: Optimum effect will be achieved after a complete drying time of 24 hours.







AQUASHIELD ACTIVE

Hydrophobic and antimicrobial protector









25L

with special application on bricks, mortars, monolayers, concrete, prefabricated, natural stone and mixed surfaces in which different materials and porosities are found, both in rehabilitation and new construction.

It reduces the proliferation of microorganisms and moss, delaying their growth.

Reinforced hydrophobic

Antimicrobial

Solvent-based

√ High durability*

✓ Colourless

Breathable

√ Yield: 4-9 m²/l

*Hydrophobic effect over 10 years.

FULL COMPATIBILITY WITH ALL TYPES OF POROUS BUILDING MATERIALS



PREFABRICATED 6 m²/l



5-6 m2/l



STONE 4-8 m2/l



CERAMICS 9 m2/l

How to use it

SURFACE

PREPARATION: Before application, the surface must be completely clean and dry. Avoid the presence of fissures or cracks in the substrate

APPLICATION: Shake the container vigorously. Apply the product with a hand-held sprayer or a standard airless sprayer (low pressure) brush or roller. It is recommended to carry out two applications, and the second one can be applied on the substrate still wet.

DRYING

TIME: Optimum effect will be achieved after a complete drying time of 24 hours.







AQUAPORE

Water-based hydrophobic protector

5L

25L

AQUAPORE is a hydrophobic product based on nanoparticles dispersed in water for porous materials. It can be used on all types of vertical surfaces (façades) with

special application on bricks, natural stone, wood and mixed surfaces in which different materials and porosities are found, both in **rehabilitation** and **new construction**.

It is the most eco-friendly protector within the Aquashield Range and has a low level of volatile organic content (<10% wt).

- √ Hydrophobic
- √ Water-based
- ✓ Medium durability

✓ Colourless

- √ Breathable
- ✓ Yield: 3-8 m²/l

FULL COMPATIBILITY WITH ALL TYPES OF POROUS BUILDING MATERIALS



BRICK 5 m²/l



STONE 3-7 m²/l



WOOD 6 m²/l



CERAMICS 8 m²/l

How to use it

1.

SURFACE

PREPARATION: Before application, the surface must be completely clean and dry. Avoid the presence of fissures or cracks in the substrate.

2

APPLICATION: Shake the container vigorously. Apply the product with a hand-held sprayer or a standard airless sprayer (low pressure) brush or roller. It is recommended to carry out two applications, and the second one must be applied on the substrate still wet (wet-on-wet).

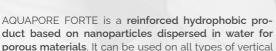
3.

TIME: Optimum effect will be achieved after a complete drying time of 48 hours.



AQUAPORE FORTE

Water-based reinforced hydrophobic protector









25L

surfaces (façades) with special application on bricks, mortars, monolayers, concrete, prefabricated, natural stone and mixed surfaces in which different materials and porosities are found both in rehabilitation and new construction

Due to its water-based composition, AQUAPORE FORTE is also suitable for indoor works.

- Reinforced hydrophobic
- ✓ Colourless

- Water-based
- ✓ Breathable
- ✓ Certified durability over 10 years
- √ Yield: 3-8 m²/l

FULL COMPATIBILITY WITH ALL TYPES OF POROUS BUILDING MATERIALS



5 m2/l



GRANITE 6-7 m²/l



STONE 3-7 m2/l



WOOD 6 m2/L

More info

How to use it

SURFACE

PREPARATION: Before application, the surface must be completely clean and dry. Avoid the presence of fissures or cracks in the substrate

APPLICATION: Shake the container vigorously. Apply the product with a hand-held sprayer or a standard airless sprayer (low pressure) brush or roller. It is recommended to carry out two applications, and the second one must be applied on the substrate still wet (wet-on-wet).

TIME: Optimum effect will be achieved after a complete drying time of 48 hours.











AQUAPORE ACTIVE

Hydrophobic and antimicrobial protector

LL 5

25L

AQUAPORE ACTIVE is a reinforced hydrophobic and antimicrobial product based on nanoparticles dispersed in water for porous materials. It can be

used on all types of vertical surfaces (façades) with special application on bricks, mortars, monolayers, concrete, prefabricated, natural stone and mixed surfaces in which different materials and porosities are found, both in **rehabilitation** and **new construction**.

It is eco-friendly and reduces the proliferation of microorganisms and moss.







√ High durability*







*Hydrophobic effect over 10 years.

FULL COMPATIBILITY WITH ALL TYPES OF POROUS BUILDING MATERIALS



PREFABRICATED 6 m²/l



BRICK 5-6 m²/l



STONE 4-8 m²/l



CERAMICS 9 m²/l

How to use it

1.

SURFACE

PREPARATION: Before application, the surface must be completely clean and dry. Avoid the presence of fissures or cracks in the substrate.

2

APPLICATION: Shake the container vigorously. Apply the product with a hand-held sprayer or a standard airless sprayer (low pressure) brush or roller. It is recommended to carry out two applications, and the second one must be applied on the substrate still wet (wet-on-wet).

3. DRYING

TIME: Optimum effect will be achieved after a complete drying time of 48 hours.



II. Protection of porous building materials

II.II. Tecnadis PRS Range

Hydrophobic and oleophobic protection for vertical and horizontal surfaces

- They reduce water absorption and slow down the ageing and degradation of substrates, delaying the appearance of stains and pathologies caused by humidity (algae, moss. mould. etc.).
- They make graffitis cleaning easier and keep surfaces cleaner for longer thanks to their high water and stain repellency.
- They do not form film, they do not seal, the microporosity of the substrate remains unchanged, allowing the breathability of the substrate.
- High resistance to continuous mechanical action/abrasion (such as pedestrian traffic) and high durability against external environmental conditions on façades.
- No polymerisation reactions, catalysis, etc. No chemical degradation over time due to its inorganic composition. No yellowing.
- Totally resistant to UV radiation.
- Colourless, they do not alter aesthetics, texture or colour of the materials (with the
 exception of "EC", which enhances the tonality of the materials).
- Re-applicable, with no need to remove previous product remains. Easy handling and application.
- The Tecnadis PRS range includes "Perfopore", water-based solutions.

Tecnadis PRS
Performance



Tecnadis PRS Perfopore



Tecnadis PRS Performance Active



Tecnadis PRS Perfopore Active



Tecnadis PRS Performance EC



Available in 1L, 5L and 25L.







25L

II.II. Tecnadis PRS Range

TECNADIS PRS PERFORMANCE

Hydrophobic and oleophobic protector

TECNADIS PRS PERFORMANCE is the first hydrophobic and oleophobic product based on nanoparticles for porous materials. It can be used on all

types of vertical surfaces (façades) and horizontal surfaces (floors), with special application on concrete, natural stones, bricks, monolayer mortars, prefabricated, clay/terrazzo, as well as mixed surfaces in which different materials and porosities are found, both in rehabilitation and new construction.

It is also used as sacrificial anti-graffiti (it makes graffitis cleaning easier) and as anti-urine, due to its great repellent effect, which reduces the accumulation of dirt and unpleasant odours, delaying their growth.

Reinforced hydrophobic

Oleophobic

Solvent-based

✓ Certified durability over 10 years*

√ Colourless

Breathable

High Yeld: 4-12,5 m²/l

FULL COMPATIBILITY WITH ALL TYPES OF POROUS BUILDING MATERIALS.



TERRAZZO 12.5 m²/l



STONE 4-10 m²/l



CONCRETE 10 m²/l



BRICK 8 m2/l

More info

How to use it

SURFACE

PREPARATION: Before application, the surface must be completely clean and dry. Avoid the presence of fissures or cracks in the substrate

APPLICATION: Shake the container vigorously. Apply the product with a hand-held sprayer or a standard airless sprayer (low pressure) brush or roller. It is recommended to carry out two applications, and the second one can be applied on the substrate still wet.

DRYING

TIME: Optimum effect will be achieved after a complete drying time of 24 hours (against water) and 48 hours (against stains).





^{&#}x27;Hydrophobic effect for over 10 years on vertical surfaces or surfaces not subject to continuous abrasion.

TECNADIS PRS PERFORMANCE ACTIVE

Hydrophobic, oleophobic and antimicrobial protector







25L

TECNADIS PRS PERFORMANCE ACTIVE, hydrophobic, oleophobic and antimicrobial product based on nanoparticles for porous materials. It can be used on

all types of vertical surfaces (façades) and horizontal surfaces (floors), with special application on concrete, natural stones, bricks, monolayer mortars, prefabricated, clay/terrazzo, as well as mixed surfaces in which different materials and porosities are found, both in rehabilitation and new construction.

This product has the same features as TECNADIS PRS PERFORMANCE, but with an additional antimicrobial component, which helps to delay biological growth.

- ✓ Reinforced hydrophobic
- ✓ Oleophobic
- √ Solvent-based
- ✓ Durability over 10 years*

- ✓ Antimicrobial
- ✓ Breathable
 ✓ Colourless

√ High Yield: 4-12.5 m²/l

FULL COMPATIBILITY WITH ALL TYPES OF POROUS BUILDING MATERIALS



TERRAZZO 12.5 m²/l



STONE 4-10 m²/l



PREFABRICATED 10 m²/l



8 m2/l

How to use it

SURFACE

PREPARATION: Before application, the surface must be completely clean and dry. Avoid the presence of fissures or cracks in the substrate

APPLICATION: Shake the container vigorously. Apply the product with a hand-held sprayer or a standard airless sprayer (low pressure) brush or roller. It is recommended to carry out two applications, and the second one can be applied on the substrate still wet.

DRYING TIME:

Optimum effect will be achieved after a complete drying time of 24 hours (against water) and 48 hours (against stains).



^{*}Hydrophobic effect for over 10 years on vertical surfaces or surfaces not subject to continuous abrasion.







TECNADIS PRS PERFORMANCE EC

Hydrophobic and oleophobic tone enhancer

5L

25L

TECNADIS PRS PERFORMANCE EC (Especial Color), hydrophobic and oleophobic tone enhancer based

on nanoparticles for porous materials. It can be used on all types of vertical surfaces (facades) and horizontal surfaces (floors), with special application on concrete, natural stones, bricks, monolayer mortars, prefabricated, clay/terrazzo, as well as mixed surfaces in which different materials and porosities are found, both in rehabilitation and new construction.

This product has the same features as TECNADIS PRS PERFORMANCE, but instead of being colourless, it enhances the tone of the substrates without adding shine.

✓ Reinforced hvdrophobic



√ Oleophobic
√ Solvent-based

Durability over 10 vears*





✓ Tone enhancer

High Yield: 5-15 m²/l

'Hydrophobic effect for over 10 years on vertical surfaces or surfaces not subject to continuous abrasion.

FULL COMPATIBILITY WITH ALL TYPES OF POROUS BUILDING MATERIALS



TERRAZZO 12.5-15 m²/l



STONE 5-12.5 m²/l



CONCRETE 5-8 m²/l



BRICK 8 m2/l

How to use it

SURFACE

PREPARATION: Before application, the surface must be completely clean and dry. Avoid the presence of fissures or cracks in the substrate

APPLICATION: Shake the container vigorously. Apply the product with a hand-held sprayer or a standard airless sprayer (low pressure) brush or roller. It is recommended to carry out two applications, and the second one can be applied on the substrate still wet.

DRYING TIME:

Optimum effect will be achieved after a complete drying time of 24 hours (against water) and 48 hours (against stains).



TECNADIS PRS PERFOPORE

Water-based hydrophobic and oleophobic protector







25L

TECNADIS PRS PERFOPORE: hydrophobic and oleophobic product based on nanoparticles dispersed in water for porous materials. It can be used on all

types of vertical surfaces (façades) and horizontal surfaces (floors), with special application on concrete, natural stones, bricks, monolayer mortars, prefabricated, clay/terrazzo, as well as mixed surfaces in which different materials and porosities are found, both in rehabilitation and new construction.

This product has the same features as TECNADIS PRS PERFORMANCE, but it is water-based.

- ✓ Reinforced hydrophobic
- ✓ Oleophobic
- √ Water-based
- ✓ Certified durability over 10 years*

- ✓ Breathable
- √ Colourless
- √ High Yield: 4-12,5 m²/l

*Hydrophobic effect for over 10 years on vertical surfaces or surfaces not subject to continuous abrasion

FULL COMPATIBILITY WITH ALL TYPES OF POROUS BUILDING MATERIALS



TERRAZZO 12.5-15 m²/l



STONE 5-12.5 m²/l



CONCRETE 5-8 m²/l



BRICK 8 m2/l

How to use it

SURFACE

PREPARATION: Before application, the surface must be completely clean and dry. Avoid the presence of fissures or cracks in the substrate

APLICACIÓN: Shake the container vigorously. Apply the product with a handheld sprayer or a standard airless sprayer (low pressure) brush or roller. It is recommended to carry out two applications, and the second one must be applied on the substrate still wet (wet-on-wet).

DRYING TIME: Optimum effect

will be achieved after a complete drying time of 48-72 hours.











TECNADIS PRS PERFOPORE ACTIVE

Water-based hydrophobic, oleophobic and antimicrobial protector

25L

TECNADIS PRS PERFOPORE ACTIVE: hydrophobic, oleophobic and antimicrobial product based on na-

noparticles dispersed in water for porous materials. It can be used on all types of vertical surfaces (façades) and horizontal surfaces (floors), with special application on concrete, natural stones, bricks, monolayer mortars, prefabricated, clay/terrazzo, as well as mixed surfaces in which different materials and porosities are found, both in rehabilitation and new construction.

This product has the same features as TECNADIS PRS PERFORMANCE ACTIVE, but it is water-based

- Reinforced hydrophobic
- ✓ Oleophobic
- √ Water-based
 √ Durability over 10 years*

- Antimicrobial
- Breathable
- ✓ Colourless
- High Yield: 4-12,5 m²/l

*Hydrophobic effect for over 10 years on vertical surfaces or surfaces not subject to continuous abrasion.

FULL COMPATIBILITY WITH ALL TYPES OF POROUS BUILDING MATERIALS



TERRAZZO 12.5 m²/l



STONE 4-10 m²/l



PREFABRICATED 10 m2/l



BRICK 8 m2/l

How to use it

SURFACE

PREPARATION: Before application, the surface must be completely clean and dry. Avoid the presence of fissures or cracks in the substrate

APPLICATION: Shake the container vigorously. Apply the product with a handheld sprayer or a standard airless sprayer (low pressure) brush or roller. It is recommended to carry out two applications, and the second one must be applied on the substrate still wet (wet-on-wet).

TIME: Optimum effect will be achieved after a complete drying time of 48-72 hours.



II.III. Summary table of hydrophobic and oleophobic solutions

Product	Hydrophobic	Oleophobic	Anti- microbial	Solvent- based	Water- based
AQUASHIELD ULTIMATE					
AQUASHIELD FORTE				Ø	
AQUASHIELD ACTIVE			Ø		
AQUAPORE					
AQUAPORE FORTE	Ø				•
AQUAPORE ACTIVE			(Ø
TECNADIS PRS PERFORMANCE		Ø		V	
TECNADIS PRS PERFORMANCE ACTIVE			✓	Ø	
TECNADIS PRS PERFORMANCE EC (Especial color)		⊘		Ø	
TECNADIS PRS PERFOPORE		Ø			(
TECNADIS PRS PERFOPORE ACTIVE			✓		

II. Protection of porous building materials

II.IV. Tecnadis Solidus

Consolidant for the restoration of natural stone and other materials.

TECNADIS SOLIDUS is a mono component **ethyl silicate-based** consolidating agent, developed for natural stone and other porous materials. This product consolidates the materials thanks to its easy penetration until reaching the healthy nucleus of the material to be treated, where it reacts with the ambient humidity and acts as binding substance.

This consolidant is specific for stone materials and is fully compatible with TECNAN's range of nanoparticle based hydrophobic solutions. It is designed to be applied to all types of absorbent mineral materials, which degrade easily due to atmospheric agents.

FULL COMPATIBILITY WITH ALL TYPES OF POROUS BUILDING MATERIALS







WINDOW SILLS



FACADES



CORNICES



SCULPTURES



- Monocomponent product, non-toxic, safe and easy to use.
- Very good penetration into stony materials.
- · Total drying, without formation of sticky substances.
- A UV-stable mineral binder is formed, which cannot be attacked by atmospheric agents.
- Complete impregnation without forming a film and with good permeability to water vapour.
- There are no chromatic alterations in the treated material, nor whitening on the surface, after a complete consolidation reaction.

More into

How to use it

1.

SURFACE PREPARATION:

Before application, the surface must be completely clean and dry. It is recommended to apply at a temperature between 10°C and 25°C.

2

APPLICATION: Shake the container vigorously. Apply the product by spraying at low pressure (0.5 bar maximum) or by immersion. The material to be treated must be completely saturated with the product, facilitating its penetration into the healthy nucleus of the material.

3

CONSOLIDATION

TIME: For optimal results, wait 4 weeks at room temperature of 20°C and a relative humidity of 40-50%.

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^{*} Available in 1L, 5L and 25L. Approximate yield: 2-10m²/L.

II.V. Tecnadis Grafprotect

Permanent protection against graffiti and paint stains.

TECNADIS GRAFPROTECT is a permanent anti-graffiti protector, nanotechnology-based, specially designed to protect porous building materials.

It protects the surfaces from paints, graffiti, markers, etc., facilitating their cleaning and removal. It is a bicomponent solution that requires prior primer application.



- ✓ Permanent anti-graffiti protection based on nanotechnology.
- ✓ It can modify the aesthetics of treated material, increasing the tone and adding gloss.
- ✓ It allows more than 10 cleaning cycles.
- ✓ Bi-component product composed of base and activator.

FULL COMPATIBILITY WITH ALL TYPES OF POROUS BUILDING MATERIALS



CONCRETE 15-17 m²/l



TERRAZZO 15-17 m²/l



STONE 10-15 m²/l



BRICK 12,5-15 m²/l

More info

How to use it

1.

SURFACE PREPARATION:

Before application, the surface must be completely clean and dry. Avoid the presence of fissures or cracks in the substrate.

2.

PRIMER APPLICATION:

TECNADIS PRS Performance, following the indications.

3.

APPLICATION OF TECNADIS GRAFPROTECT:

First of all, mix the base and the activator. Then, apply the product by spraying, brush or roller. Finish by spreading it out using a roller. The optimum effect will be achieved after a complete drying time of 72 hours.

Some examples of Civil Works.



MAAT - Museum of Art, Architecture and Technology (Lisbon)



City of Arts and Sciences (Valencia)



Marqués de Vargas Winery (La Rioja)



Opera House (Oslo)



Inditex Headquarters (A Coruña)



Telefónica Building (Madrid)



Matacan Airport (Salamanca)



Grand Palladium Palace (Ibiza)



Ramón Bilbao Winery (La Rioja)

Some examples of Civil Works.



Igeldo lighthouse (San Sebastián)



Psychiatric centre (Pamplona)



Carlton Hotel (Bilbao)



Montecerrao Residential Area (Oviedo)



Vincci Zaragoza Zentro Hotel (Zaragoza)



University of Cádiz (Cádiz)



Can Balaguer (Palma de Mallorca)



Nuestra Señora del Carmen School (Badajoz)



Descendientes de J. Palacios Winery (León)

Some examples of Restoration of Historical and Artistic Heritage.



Oviedo Cathedral (Asturias)



El Burgo de Osma Cathedral (Soria)



Casa Batlló (Barcelona)



Peru Pavilion (Sevilla)



Columbus Monument (Huelva)



Monzón Castle (Huesca)



Wall of Jerez de los Caballeros (Badajoz)



Bank of Spain (Zaragoza)



Archaeological site Escaladei (Tarragona)

Some examples of Restoration of Historical and Artistic Heritage.



© Pep Daudé, Basílica de la Sagrada Família (Barcelona)



Magdalena Palace (Santander)



Episcopal Palace of Astorga by Gaudí (León)



Almudena Cathedral (Madrid)



The Giralda (Sevilla)



Rossio Railway Station (Lisbon)



Gate of the Bridge (Córdoba)



Centro Canalejas (Madrid)



Church of Santa María del Temple (Valencia)

II.VII. Testing, characterisation and certification

All TECNAN products have been subjected to several tests and characterisations, which verify their effectiveness and durability against multiple conditions and against other products on the market. These tests have been carried out both by LUREDERRA Technology Centre and by other external organisations, such as GEOARTEC TECHNICAL SOLUTIONS S.L., a spin-off of the University of Zaragoza, and GEA Geological Consulting.

Furthermore, the products commercialised by TECNAN for the protection of porous materials are manufactured in accordance with the highest quality standards.

As proof of this and in compliance with Regulation 05/2011/EU of the European Parliament and of the Council, on the Construction Products Regulation or CPR, TECNAN has the Certificate of Conformity of the Factory Production Control Nº0370-CPR-1774, commonly known as CE Marking. This certificate attests that all provisions concerning the assessment and verification of constancy of performance described in Annex ZA of the standard EN 1504-2:2004 under the 2+ system are applied and that the factory production control fulfils all the prescribed requirements set above. This certificate was first issued in June 2014 by LGAI Technological Centre, S.A. (APPLUS).

CERTIFICATE OF CONFORMITY OF THE FACTORY PRODUCTION CONTROL

Notified Body Nr. 0370

No. 0370-CPR-1774

II.VIII. Cost breakdown

You can consult prices and cost breakdown of all our products in the database of the Official College of Quantity Surveyors, Technical Architects and Building Engineers in Guadalajara: www.preciocentro.com

In this database you will find a brief technical description of each product to include in any renovation, maintenance, restoration and/or construction project.



Gabinete Técnico Aparejadores Guadalajara

