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DON'T WORRY, WE ARE HERE TO HELP YOU.

The façade refurbishment and rehabilitation project is one of the most technical jobs that any owner of a property faces.

The demands of this type of project condition the approach that we must take to a work of this nature, and to ensure a correct final result we must also join the aesthetic part of the project (finish and colour).

From tkrom we want to help you in this process through this guide that includes the fundamental points to take into account before starting a refurbishment project:

- 1. Prescription
- 2. Pathologies
- 3. Certifications
- 4. Energy efficiency
- 5. Colour 6. Warranty 7. Products

The façade is the letter of presentation of any building and a bad maintenance or conditioning will not only provoke a bad initial impression, but will also reveal structural deterioration with the consequent loss of value of the building and safety for residents and passers-by.





PRESCRIPTION. FROM PROFESSIONAL TO PROFESSIONAL.

Before starting the refurbishment work, we must know as much information as possible about the façade we are going to work with.

A good diagnosis will indicate the materials and the work system to use, saving time and money.

The coating chosen and applied must fulfil the objective of protecting and decorating the façade. It must be resistant to the effects of external agents so that its protection and colour last.

We will help you in the diagnosis phase and in the choice of the system to apply, through a complete system of technical prescription 100% free, so that you have all the necessary information before taking the next step.

All prescriptions made by our team technical involves an exhaustive study that includes:



DIAGNOSIS

In this first phase of prescription we include descriptive and recognition information such as:

Description of the work, nature of the support, and the current state of the parameters.



ADVICE

This second phase of the prescription includes: The recommendation of professional rules, the preparatory works, as well as ancillary works (if applicable) and the provision of technical documentation, such as files and certificates.





No matter how demanding the façade renovation project is, we have solutions adapted to each problem





In any painting job, the first factor to consider is the type of surface to be protected, which will condition the selection of the type of product to be applied, especially with regard to the repair and preparation of the substrate.

The product selected must fulfil a protective and decorative function. A façade can be deteriorated by different factors:

- Environmental factors: Rain, sun and wind.
- Location factors: Industrial, marine, high pollution areas...
- **Structural factors:** Most façade construction materials contain salts and oxides, or compounds that react to produce salts and oxides that attack the façade.

Whatever the surface to be painted, it is essential to study its problems in depth and carefully choose the type of primary coat (primer) most suitable for each case. We must not forget that it must resist the attack of a large number of destructive agents, which will also act **"from the inside"**, due to the type of substrate, and "**from the outside"**, depending on the climatic conditions and environmental aggressiveness that may be present.

Mineral mortars (gypsum, cement, lime, etc...), are generally problematic substrates, as they can be too porous, too porous, or with very variable porosity from one area to another.

They generally have considerable, sometimes excessive, humidity, which may have a negative influence on the result of the painting process. A certain chemical aggressiveness may also be present, due to the alkaline compounds involved in the mortars.





SUPERCARRARA THE HERO WITHOUT A CAPE

THE MOST EFFECTIVE COATING AGAINST THE MAIN PROBLEMS OF FACADES: CARBONATION, DIRT, AGEING, DISCOLOURATION, MOULD AND CRACKS.







Façades may have problems caused by physical, mechanical or chemical pathologies, whose prior restoration is essential for a correct fixing and application of the final coat of paint with guarantees. **Only with a correct knowledge of the origin of the defects, it is possible to eliminate the causes and solve the damage caused to the facades.**

PATHOLOGY

cracks are uncontrolled linear openings in a wall or partition

that affect only its surface layer

or exterior finish. They range in

size from a few microns to about 2

mm. On the other hand, cracks are

openings larger than this size that affect all or part of the thickness

of the element, compromising its

integrity and may even have a

structural origin. The cracks allow

water and other harmful agents to enter, eventually leading to the

destruction of the coating and the

substrate.

TREATMENT

PRODUCTS

1) Clean the defect with a spatula, opening it in a V-shape. Remove loose or badly adhered material.

2) Apply a consolidating fixative to the substrate.

3) Repair with putty or exterior mortar suitable for the width of the defect; using fibre mesh as reinforcement.

4) Apply a consolidating fixative, and the coating with the desired finish and colour.

• TKROM FIJATIVO F4

• TKROMPLAST REPARADOR ELÁSTICO MASILLA FIBRA

- FIBREGLASS MESH
- TKROM SUPERCARRARA ELÁSTICO / ELÁSTICO EXTRA 10



The **snail effect**, or snail slime, occurs when the coating, before it is fully cured, is exposed to rainwater, spray or high humidity, which can leach some of the components of the formulation.

It is possible to mitigate its effect with a thorough washing of the façade with water at. It is important to remember that this pathology is not due to poor paint quality, but to environmental conditions during the drying phase of the paint.



It is important to note that these steps are indicative and that each pathology may require specific solutions.





PATHOLOGY

The efflorescence (saltpetre or alkalinity) are white stains on the surface of the cement, formed by small crystals of salts that, being present inside the material, dissolve with the internal humidity and are transported by it through the pores or cracks to the surface where, when the water evaporates, they crystallise.

This is due to an excess of humidity inside the materials, which dilutes the salt crystals they contain.

Among the most common causes that can lead to an excess of humidity inside the materials are: cracks and fissures, excessively porous substrates, and other deterioration of the façade.

TREATMENT

To eliminate efflorescence from façades definitively, it is not enough to eliminate the damage they have caused (saltpetre stains, flaking, etc.), but it is also necessary to locate the source that is causing it and repair it.

Once the source of the damp on the façade has been solved, the damage caused by this pathology can be eliminated:

1) Apply a special cleaner diluted in water, and use brushes to treat the most affected areas.

2) Apply a waterproofing treatment that seals the pores of the façade to prevent the materials from absorbing moisture from the outside.

PRODUCTS

• TKROM FIJADOR AL AGUA PLIOTEC

• TKROM SUPERCARRARA HIDROSUPERLITE

• TKROM IMPRIMACIÓN SUPERLITE EXTERIOR

• TKROM SUPERLITE EXTERIOR



Chalking is produced by the continuous action of the sun on the facades and can cause the binder to degrade, leaving the paint powdery on the surface.

It is detected by checking that the pigments are removed by rubbing the surface of the façade. This situation requires:

1) Cleaning with plenty of water.

2) Application of a consolidating fixative.

3) Use of paints with a high resin content.

- TKROM FIJATIVO F4
- TKROM SUPERCARRARA ACRÍLICA MURAL UV EXTRA
- TKROM SUPERCARRARA EXTRA 10



It is important to note that these steps are indicative and that each pathology may require specific solutions.



PATHOLOGY

Mould or verdigris tends to grow in shady areas exposed to humidity, so it is common for it to appear in areas that do not receive sunlight or draughts.

Given these conditions it is easy for mould to appear, especially in areas where organic matter accumulates combined with humidity. This is why it is common for mould to appear in the area of the façade closest to the ground.

TREATMENT

1) Remove the mould on the facade by cleaning the cladding with a bleach solution, which is sprayed on the affected areas, if the mould is persistent we can always rub with a brush to remove it by erosion.

2) Use the reinforcing cleaner.

3) Apply a consolidating and treatment fixative, and the cladding with the desired finish and colour.

PRODUCTS

TKROM LIMPIADOR REFORZANTE

• TKROM IMPRIMACIÓN SELLADORA-SANEADORA

TKROM SUPERCARRARA



Fading. Pigments used in paints can fade as a result of UV radiation, the alkalinity of the support, atmospheric pollution, etc. This loss of colour is more noticeable in the case of some organic pigments, which allow a wide range of colours, but, with some exceptions, are not very stable in the presence of UV rays. If the paintwork is in good condition, it can be repainted directly.

If the discolouration is caused by the high alkalinity of the substrate, apply:

1) A pliolite primer.

2) A high quality coating coloured with inorganic pigments.

TKROM FIJDOR AL AGUA
 PLIOTEC
 TKROM ACRÍLICA MURAL UV
 EXTRA



It is important to note that these steps are indicative and that each pathology may require specific solutions.





PATHOLOGY

Damp is caused when external water finds its way into an absorbent material. It filters through the porosity of the materials, where it ends up forming fissures that facilitate the appearance of water vapour, generating flaking on the walls, saltpetre stains, mould and even the degradation of the substrate.

TREATMENT

1) Locate the water access point on the wall or roof to eradicate the cause of the problem.

2) Mechanically remove poorly adhering paint.

3) Apply a consolidating fixative, and coat to the desired finish and colour.

PRODUCTS

- TKROM FIJATIVO F4
- TKROM SUPERCARRARA
- TKROM HIDROFUGANTE INVISIBLE FACHADAS

Rising damp occurs when water contained in the subsoil rises from the foundation by capillary action through the pores of the building materials. The water seeks to escape to the outside.

Over time, the dampness pushes the paint into the paintwork, leading to cracks and flaking.

Damp caused by rising damp cannot be solved definitively with paint and the building must be properly waterproofed.

Before considering more costly and extensive work, there is the possibility of applying a paint treatment that can coexist with the damp and allow the wall to breathe without worsening the situation.

• TKROMPLAST EXTERIOR FACHADAS

- TKROM IMPRIMACIÓN SIL (Yeso)
 TKROM IMPRIMACIÓN SIL
- (Cemento)
- TKROM SILICATO



Carbonation It is a slow and invisible process that consists of the reaction of slaked lime from the cement with carbon dioxide (CO_2) from the air, forming calcium carbonate. This results in a drop in pH which renders the steel reinforcement unprotected against corrosion. This process culminates in the corrosion of the concrete steel, seriously damaging the structure.

1) The damaged concrete shall be chopped by mechanical or manual means up to the area of the reinforcement. If the pathology is very advanced, a reinforcement system will have to be considered.

2) Repair the substrate until the facing is healthy and ready for the application of the final coats.

3) Apply a consolidating fixative, and the coating with the desired finish and colour.

- TKROMPLAST EXTERIOR FACHADAS
- TKROM FIJATIVO F4
- TKROM SUPECARRARA (MARCADO CE)



It is important to note that these steps are indicative and that each pathology may require specific solutions.



CERTIFICATES REQUIRES CE MARKING

The CE marking is the declaration by the manufacturer that the product complies with the legal and technical safety requirements of the member states of the European Union.

The CE marking contains essential information that helps to check and compare the performance of products with the same technical characteristics.

The standard UNE-EN 1504-2 specifies the requirements for the identification, performance, safety and conformity assessment of products and systems to be used for the surface protection of concrete, in order to increase the durability of concrete and reinforced concrete structures, both for new concrete and for maintenance and repair work.

The tkrom selection coatings have been evaluated to comply with the requirements of the UNE-EN 1504-2 Standard.

SUPERCARRARA ELÁSTICO EXTRA 10 SUPERCARRARA ACRÍLICA MURAL UV EXTRA SUPERCARRARA ELÁSTICO SUPERCARRARA SILOXANO SUPERCARRARA LISO REVESTIMIENTO PÉTREO SILOXANO REVESTIMIENTO PÉTREO

WATERTIGHTNESS WATERTIGHTNESS



PERMEABILITY TO WATER VAPOUR



RESISTANCE TO CARBONATION



grupo**tkrom**®



EDP CERTIFICATE ENVIRONMENTAL PRODUCT DECLARATION



PDEs or EPDs in the construction sector have experienced significant growth globally, and in particular the increase has intensified substantially in Europe in the last five years.

The current trend towards sustainability in building construction means that manufacturers, distributors and applicators are increasingly being asked for this type of certificate. This documentation can be used to obtain credits that are useful for obtaining Building Sustainability Certifications such as LEED or BREEAM.

BREEAM: is a tool for assessing the sustainability of buildings, developed by the Building Research Establishment (BRE), which aims to:

•Mitigate the impact of the life cycle of buildings on the environment.

•Enable buildings to be recognised for their environmental benefits.

•Provide a credible environmental label for buildings.

•Stimulate demand and create value for sustainable buildings, building products and supply chains.

LEED: It is an evaluation system for the design, construction and operation of green buildings, whose purpose is related to indoor environmental quality:

•To establish a stricter calculation methodology, organised in product categories, based on the adjustment of emission limits.

•Develop pathways for the assessment of indoor air quality with respect to a list of pollutants.







ENERGY EFFICIENCY

SAVETHERMSAVETHERM, the Exterior Thermal Insulation System (SATE), is an innovative solution from tkrom pinturas that offers greater comfort and energy savings in the construction of homes.

Why choose the SAVETHERM insulation system?

The wall of a building is the element that accumulates the most heat and it is therefore essential to prevent heat loss in winter and reduce heat build-up during the summer. The system **SAVETHERM**, achieves this efficiently by maintaining the thermal inertia of the enclosure inside the house. The correct installation of siste guarantees perfect thermal insulation in all types of buildings, whether in new construction or in façade renovations.

It is the ideal option for more sustainable housing with energy savings of up to 60%.

SAVETHERM ADVANTAGES



Energy efficiency.



Amortisable investment.



Rejuvenation of the façade.



Increased protection of the façade.



No loss of interior surface area of the dwelling.



Elimination of thermal bridges at slab level

Minimises the risk of condensation formation interior and mould formation.







SAVETHERM SYSTEM



PRODUCTS

MORTERO SAVETHERM 1 ADHESIÓN / PROTECCIÓN PANEL AISLANTE 2 COMPONENTE MECÁNICO 3 **MORTERO SAVETHERM** ADHESIÓN / PROTECCIÓN 4 **MALLA R-160 TKROM** COMPONENTE MECÁNICO 5 **MORTERO SAVETHERM** ADHESIÓN Y PROTECCIÓN 6 FONDO SAVETHERM IMPRIMACIÓN POLISILOXANOS **ACABADO SAVETHERM**

REVESTIMIENTO ACRÍLICO

tkrom Milia tkrom MORTERO FIJA tkrom Milli SISTEMA SATE SAVETHERM ACABADO ACRÍLICO IMPRIMACIÓN FONDO SAVETHERM SAVETHERM • ADHERENCIA Y RESISTENCIA • IMPERMEABLE • RENDIMIENTO 2-3 KG/M² • SECADO 4H / REPINTADO 24H

grupo**tkrom**®



THE IMPORTANCE OF THE COLOUR OUTDOORS

The perception of the colour of a façade is influenced by several factors, such as the incident light, the size of the painted surface, the shape of the façade and the distance from which it is usually observed.

There is no general rule for determining how colour perception varies with distance, as it depends on the hue, chromaticity and whiteness of the colour. However, as a rough rule of thumb, **can say that at a distance of about 50 metres, the colour appears to be of similar chromaticity but lighter and cleaner.**

This knowledge is especially relevant for those who design or decide on the colour to be painted on a façade. For this reason, at tkrom we recommend carrying out a sample or extension of the colour on the façade and observing the possible variations.

PAINTED COLOUR	PERCEIVED COLOUR
NCS S 1010 - Y10R	NCS S 0510 - Y
NCS S 2030 - Y20R	NCS S 1030 - Y20R
NCS S 3010 - G20Y	NCS S 2010 - B90G

OTHER ASPECTS TO BE TAKEN INTO ACCOUNT



Check if there are local colour restrictions.

Be inspired by and take into account surrounding colours.

Consider the colours of neighbouring houses to ensure compatibility.

Ensure that the colour complements the roof and other surfaces and materials of the structure.

Observe the structural qualities, weight, spacing and distance of the building, matching the colour to the building forms.





DISCOVER OUR RANGE OF COATINGS

YOUR ONLY CONCERN WILL BE TO MATCH THE COLOUR OF YOUR FACA-DE WITH YOUR NEIGHBOUR'S CURTAIN.









WARRANTIES TKROM FACADES

SMOOTH COATINGS					
FAMILY	PRODUCT				
909	TKROM Superlite Exterior	15 años			
227	TKROM Supercarrara Elástico Extra 10 🛛 🤇 🤆	15 años			
906	TKROM Supercarrara Hidrosuperlite	15 años			
507	TKROM Supercarrara Acrílica Mural UV-Extra 🕻 🤅	15 años			
233	TKROM Supercarrara Extra 10 🗲	15 años			
241	TKROM Supercarrara Siloxano 🛛 🧲	12 años			
225/226	TKROM Supercarrara Elástico / Fibra 🕻	10 años			
231	TKROM Supercarrara CE	10 años			
902	TKROM SIL Pintura al Silicato	10 años			
242	TKROM Revestimiento Pétreo Siloxano 🕻 🤅	7 años			
209	TKROM Carrara R50 Liso	5 años			
216	TKROM Revestimiento Pétreo CE	5 años			
217	TKROM Revestimiento Pétreo Elástico	5 años			
ROUGH COATINGS					
FAMILY	PRODUCT				
229	TKROM Supercarrara Elástico Rugoso Extra 10	15 años			
228	TKROM Supercarrara Elástico Rugoso	15 años			
234	TKROM Supercarrara Rugosos	10 años			
211	TKROM Carrara Rugoso	5 años			

* All the systems described in the table of coatings must be preceded by the application of a minimum of 100/150 gr/m2 of a suitable fixative in its conditions of use. The suitable fixatives for these products are listed in their corresponding technical data sheets: F1, F4, Pliotec, Silicato

* The granting of the manufacturer's guarantee according to the values described in this table, will be subject to the request of the same by the client through his distributor, using the "guarantee request" document, duly completed, where the data of the work and material used will be reflected, in the terms and conditions described therein.

* For rehabilitation works it will be advisable to carry out a "Prescription Report" prior to the execution of the project.

GUARANTEE	PERFORMANCE	PERFORMANCE	MICRAS
	2,50 m²/l	0,40 l/m²	165
	3,00 m²/l	0,34 l/m²	200
	2,70 m²/l	0,37 l/m²	165
	2,80 m²/l	0,36 l/m²	150
	2,80 m²/l	0,36 l/m²	150
	3,40 m²/l	0,30 l/m²	145
	3,00 m²/l	0,34 l/m²	165
	3,40 m²/l	0,30 l/m²	145
	2,25 m²/l	0,45 l/m²	145
	3,15 m²/l	0,32 l/m²	145
	3,60 m²/l	0,28 l/m²	130
	3,15 m²/l	0,32 l/m²	145
	2,90 m²/l	0,34 l/m²	165
GUARANTEE	PERFORMANCE	PERFORMANCE	MICRAS
	1,40 m²/l	0,72 l/m²	500
	1,20 m²/l	0,84 l/m²	550
	1,20 m²/l	0,84 l/m²	550
	1,40 m²/l	0,72 l/m²	500

The pathologies affecting the building must be described and detailed in a report, where the brand's technical staff

can propose the most appropriate solutions for their treatment.

*At the same time as the "warranty application" document, it is essential that a "Monitoring report of the application process" be drawn up and submitted, using the standard format proposed by the manufacturer.

* The warranty periods described in the table are maximum warranty periods, which may be reduced by the distributor if it is considered that the pathologies affecting the substrate, or severe weather condi-

grupo**tkrom**°

MECHANICAL COMPONENTS



 PROFILES •DOWELS •EPS SHEETS •MESH / FIBRE GLASS

MORTERO SAVETHERM



FIJATIVO SAVETHERM



Pigmented aqueous primer based on polysiloxane binders. Suitable for regulating the absorption of the substrate for SAVETHERM ACRYLIC COATING.

It has excellent anti-carbonation properties.

USES: Exterior **COLOUR:** White PERFORMANCE: 6 m²/l **APPLICATION:** Roller. • FORMAT: 15L





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ESSENTIAL

ACABADO SAVETHERM

High performance acrylic mortar for decoration and protection of facades. Textured finishes in exteriors and interiors. High resistance to ageing, water and alkalinity. High adhesion and whiteness without yellowing. Impermeable to rainwater and permeable to water vapour.

USES: Exterior. Masonry surfaces. Protection and decoration of facades.

COLOURS: White.

PERFORMANCE: 2-3 kg / m²

APPLICATION: Trowel and spray gun

• WHITE AND COLOURS: 25kg

EXTERIOR



coat: <5% <5% 2pd

DILUTION/CLEANING ATER











TKROMPLAST EXTERIOR FACHADAS

Contains preservative



Product specially designed for repairing, reworking and bonding decorative elements such as sculptures, cornices, etc. Its extraordinary adhesion means can be used on any surface (plaster, glass, wood...) both indoors and outdoors. It has a high fungicidal power and great flexibility. Its great resistance to water and humidity make it an ideal product for use in humid environments such as bathrooms, kitchens, etc. **APPLICATIONS:** Interior and exterior. Plaster, plastic paints, glass, cement, concrete, wood, rigid plastics...

COLOURS: White (can be coloured with universal colouring agent max. 5%).

YIELD: 1kg/m² and mm.

THICKNESS: Any thickness.

APPLICATION: Smooth trowel or spatula

of stainless steel. • FORMAT: 15kg, 5kg



TKROMPLAST EXTERIOR POLVO



Powdered plaster ideal for waterproofing facades and repairing concrete, as well as for repairing facade elements (balconies, pillars...). Its extraordinary adhesion and resistance to carbonation means that it can be used both indoors and outdoors. In addition, it is suitable for use in humid environments and marine environments thanks to the saltpetre barrier it provides. It does not release alkalis so it can be painted in as little as 48 hours and is easy to apply and sand.

APPLICATIONS: Interior and exterior. Balconies, pillars, cornices, overhangs, brick joints, stairs, corners, chipping, swimming pools...

COLOURS: Grey.

PERFORMANCE: 1,2kg/m² and mm.

THICKNESS: Max 15 mm

APPLICATION: Smooth trowel or spatula.

• FORMAT: 15kg, 5kg



TKROMPLAST MASILLA EXTERIORES

Contains preservative ANTIMOLD



Putty for smoothing, renovating or repairing any material. Its extraordinary adhesion, even on glass, tile and metal surfaces, together with its high resistance to water and ambient humidity make it an ideal product for use both indoors and outdoors. It contains a high fungicide power that prevents the appearance of fungus being perfect for use in humid environments such as kitchens, bathrooms, showers... With a very fine finish, high quality and excellent whiteness, it is ready to use.

DRYING

APPLICATIONS: Interior/exterior. Plaster, plasterboard, concrete, cement, polystyrene, wood, ceramic, glass, painted surfaces...

COLOURS: Very white. Admits universal colouring max 3%

YIELD: 1.6 kg/m² y mm.

APPLICATION: Smooth trowel or spatula.

• FORMAT: 5kg, 1kg

unlimited









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ESSENTIAL

TKROMPLAST REPARADOR ELÁSTICO MASILLA FIBRA

Ready-to-use flexible putty specially designed for filling cracks with movement. Reinforced with fibreglass and perfect for filling, sealing and reinforcing cracks and crevices. Its versatility allows it to be applied both indoors and outdoors on different surfaces such as concrete, cement, plaster...

USES: Interior/exterior. Concrete, cement, plaster, plastic paints, wood... filling, sealing and reinforcing of fissures and cracks. and mm.

COLOURS: Grisaceous. Admits universal or water-based dye max 4%.

PERFORMANCE: 11/m² y mm.

APPLICATION: Smooth trowel or spatula.

• FORMAT: 4kg, 750ml, 200ml

INDOOR/OUTDOOR



DRYING/PAINTING



HANDS

unlimited

DILUTION/CLEANING











IMPRIMACIÓN SUPERLITE EXTERIOR



Primer for facades, based on special resins in solution. Due to its exceptional adhesion, penetration capacity and resistance to alkaline agents, as well as its microporous structure, which allows the substrate to breathe, it is the ideal base coat for subsequent painting with **TKROM SUPERLITE EXTERIOR**.

USES: Interior and exterior. Facades. Masonry surfaces.

COLOURS: White.

PERFORMANCE: 5-7m²/l

APPLICATION: Brush, roller and spray gun

ASPECT: Liquid.

TECHNICAL DATA SHEET: TDS 907

USES: Interior and exterior. Facades. Mine-

APPLICATION: Brush, roller and spray

TECHNICAL DATA SHEET: TDS 903

• FORMAT: 15L, 4L

ral substrates

COLOURS: Whitish.

PERFORMANCE: 2-4m²/l

APPEARANCE: Liquid.

• FORMAT: 15L, 4L



IMPRIMACIÓN SILICATO CEMENTO



Sealing primer, based on potassium silicate, which strengthens and fixes mineral substrates, while providing uniform absorption to them. It facilitates the application of silicate-based finishing paints, providing sharper colours and uniform, especially in intense shades. It is also used to thin silicate paints, especially in medium and deep shades.



IMPRIMACIÓN SILICATO YESO



Sealer primer to apply on plaster plaster, when you want to apply in interiors, on this type of support, silicate finishing paint TKROM-SIL. It has great penetrating and consolidating power, cohesing dead or powdery gypsum, is very resistant to alkalinity, and provides a uniform and compact surface when dry, resistant to the aggressiveness of potassium silicate paints. **APPLICATIONS:** Interior. Plaster.

COLOURS: Off-white.

YIELD: 2-4m²/l

APPLICATION: Brush, roller and spray. **ASPECT:** Liquid.

TECHNICAL DATA SHEET: TDS 904

• FORMAT: L, 4L







FIJADOR AL AGUA PLIOTEC



Water-based primer for facades, based on resins PLIOTEC[®], with an exceptional adhesion and penetration capacity, suitable for fixing of powdery substrates such as concrete, plasters and old paints, as well as for priming non-porous surfaces. Its structure gives it excellent resistance to water and humidity, as well as good weather resistance and UV radiation. **APPLICATIONS:** Interior and exterior. Masonry surfaces.

COLOURS: Transparent.

PERFORMANCE: 10-14m²/l

APPLICATION: Brush, roller and spray gun

ASPECT: Liquid.

TECHNICAL DATA SHEET: TDS 905

• FORMAT: 12L, 4L



FIJATIVO PENETRANTE F1



High penetration, acrylic-based, water-based wall fixative for surface impregnation of substrates commonly used in construction. Ultra fine particle size, which communicates a high penetrating power, saturating even the microscopic capillarities of the plaster. **APPLICATIONS:** Interior and exterior. Masonry surfaces.

COLOURS: Opaline.

APPLICATION: Brush, roller and spray

ASPECT: Liquid.

TECHNICAL DATA SHEET: TDS 709

• FORMAT: 15L, 5L, 1L



FIJATIVO F4

arupo**tkrom**®



HE INTERNATIONAL EPD* SYSTEM

Water-based, acrylic-based wall fixative, suitable for consolidating all types of wall supports, or coats of old whitewashed paints, as well as for varnishing bricks, natural or artificial stone, etc. It has a magnificent resistance to alkalinity, being the ideal support for the successive coats of paint to be applied on the aforementioned supports. **APPLICATIONS:** Interior and exterior. Masonry surfaces.

COLOURS: Off-white.

APPLICATION: Brush, roller and spray

ASPECT: Liquid.

TECHNICAL DATA SHEET: TDS 710

• FORMAT: 15L, 5L, 1L



SUPERCARRARA ELÁSTICO LISO EXTRA 10



SUPERLITE EXTERIOR



ESSENTIAL

SUPERCARRARA LISO EXTRA 10

Smooth coating for facades based on pure acrylic resins in emulsion. Waterproof and breathable with excellent hardness, adhesion and maximum resistance to alkalinity, efflorescence and atmospheric agents. Anti-carbonation.

USES: Exterior. Masonry surfaces. Protection and decoration of facades.

COLOURS: White. Facades chart. Colours according to sample.

YIELD: 7-9m²/l

APPLICATION: Brush, roller and spray

- TECHNICAL DATA SHEET: TDS 233
- WHITE AND COLOURS: 15L
- BASES TKROMATIC: 15L, 4L, 1L



Available





RESIN Α

DRYING/PAINTING



HANDS

DILUTION/CLEANING



1st coat **15-25%**





🕖 ANTICARBONATACIÓN** **EXCELENTE CUBRICIÓN** MÁXIMA RESISTENCIA



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króm

GARANTÍA

AÑOS³



SUPERCARRARA ACRÍLICA MURAL UV EXTRA



SUPERCARRARA LISO



ESSENTIAL

SUPERCARRARA SILOXANO

Smooth coating for high performance facades, based on siloxanes and polysiloxanes with high resistance to weathering, rubbing and washing. It provides hydrophobicity, increasing the water repellency and breathability of the substrate.

USES: Exterior. Masonry surfaces. Protection and decoration of facades.

- COLOURS: White.
- COVERAGE: 3-5m²/l
- **APPLICATION:** Brush, roller and spray

RESIN

VAE

HANDS

SELF-CLEANING

®

FP

THE INTERNATIONAL EPD® SYSTEM

- TECHNICAL DATA SHEET: TDS 241
- WHITE: 15L

Contains preservative ANTIMOLD

DRYING/PAINTING

2h /24h

DILUTION/CLEANING

WATER <5%.

EXTERIOR

AD



tkróm

GARANTÍA



YOUR FACADE SELF-CLEANING

0

REPELS WATER AND DIRT, THANKS TO THE WATER-REPELLENT TECHNOLOGY OF THE RANGE OF **TKROM SILOXANE COATINGS**.

Certificates available:

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CARANTIA FACHADAS REVESTIMIENTO PROFESIONAL

WY DUENA ADHERENCIA PERMITE LA TRANSPIRACIÓN PEL SOPORTE



tkrom



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C ANTICARBONATACIÓN C ALTA CUBRICIÓN RESISTENTE A LA INTEMPERIE

0

SILOXANO BLANCO FRID

ESSENTIAL



REVESTIMIENTO PÉTREO SILOXANO

Smooth coating for facades based on siloxanes and polysiloxanes with high resistance to weathering, rubbing and washing. It provides hydrophobicity, increasing the water repellency and breathability of the substrate.

USES: Exterior. Masonry surfaces. Protection and decoration of facades.

- COLOURS: White.
- COVERAGE: 5-7m²/l

APPLICATION: Brush, roller and spray

RESIN

EA

HANDS

- TECHNICAL DATA SHEET: TDS 242
- WHITE: 15L, 4L

Contains preservative ANTIMOLD

DRYING/PAINTING

EXTERIOR

A



2h /24h FACHADAS DILUTION/CLEANING SELF-CLEANING REVESTIMIENTO WATER <5% PROFESIONAL 🖉 MUY BUENA ADHERENCIA 🖉 PERMITE LA TRANSPIRACIÓN DEL SOPORTE ® FP THE INTERNATIONAL EPD® SYSTEM PÉTREO SILOXANO BLANCO PROFESIONAL PERMITE LA





SILICATO

CARRARA LISO			
Available	OUTSIDE RESIN DRYING HANDS	2 DILUTION WATER 1st coat: 50% 2nd coat: <10%	
ATTUA UNETAL MINIMUMA UNETAL MINIMUMA AL ANCIENTA MINIMUMA AL ANCIENTA M		gun TECHNICAL DATA SHEET: TDS 902 • FORMAT: 15L, 4L	
	film with a mineral appearance	YIELD: 6-8m ² /l APPLICATION: Brush, roller and spray	
	mineral substrate on which it is applied, producing a controlled silicification re- action, which provides a very resistant	COLOURS: White. Facades chart. Colours according to sample.	
10	High-quality, single-component, silica- te-based paint, which petrifies with the	USES: Exterior. Mineral substrates. Resto ration of historic buildings.	

Contains preservative ANTIMOLD



Smooth coating for facades based on a waterproof and breathable styrenated acrylic copolymer, of great hardness, resistance and smoothness of application. Excellent adhesion to different materials used in construction. **APPLICATIONS:** Exterior. Masonry surfaces.

COLOURS: White. Colours according to sample.

YIELD: 5-7m²/l

APPLICATION: Brush, roller and spray.

TECHNICAL DATA SHEET: TDS 209

• FORMAT: 15L, 4L



REVESTIMIENTO PÉTREO

Contains preservative ANTIMOLD



Available

Smooth coating for facades, based on styrenated acrylic copolymer dispersion. Waterproof, breathable, with very good hardness and adhesion to the different materials used in construction and high resistance to atmospheric agents. Formulated and designed especially for professional use in both new construction and renovation.

RESIN

OUTSIDE

DRYING

35'

/5h

APPLICATIONS: Exterior. Masonry surfaces.

COLOURS: White R-52 and R-53. Chart Stone Coating

PERFORMANCE: 4-7m²/l

APPLICATION: Brush, roller and spray

gun. TECHNICAL DATA SHEET: TDS 216

- WHITE AND COLOURS: 15L, 4L
- BASE COATS: 15L, 4L







YOU WILL MAKE HISTORY

LEAVE AN INDELIBLE MARK ON YOUR RENOVATION PROJECTS WITH THE MOST RESISTANT MINERAL PAINT . YOU WILL BE REMEMBERED FOR GENERATIONS.





in



USES: Exterior. Masonry surfaces. Facades with cracks and fissures and where embossed

finishes are desired.

SUPERCARRARA ELÁSTICO RUGOSO EXTRA 10

Contains preservative ANTIMOLD



TKROMATIC

ANTIMOLD

Contains servative

Available

Contains preservative ANTIMOLD

TKROMATIC

SUPERCARRARA RUGOSO

tkrom

RUGOSO

krom

ACHADAS

HAGOSO BLANCO

51

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-

SUPERCARRARA



Rough elastomeric coating for facades

based on acrylic resins with maximum

resistance to atmospheric agents, which solves the problems of fissures

> **COLOURS:** White. Colours according to sample.

YIELD: 2-4m²/

APPLICATION: Brush, roller and spray gun

- TECHNICAL DATA SHEET: TDS 211
- FORMAT: 15L



llent adhesion to the different materials

used in construction.

RESIN

OUTSIDE




ESSENTIAL

SUPERCARRARA ELÁSTICO RUGOSO

Rough stone coating for facades, based on acrylic resins with maximum resistance to atmospheric agents. It permits the application of the product on coats of variable thickness, with a relief effect. It has magnificent flexibility and resistance to traction, which in turn communicates the capacity to deform following the expansion and contraction movements of the façades, without breaking or cracking.

USES: Exterior. Masonry surfaces. Facades with cracks and fissures and where embossed finishes are desired.

COLOURS: White. Chart Supercarrara. Letter Facades. Colours according to sample.

YIELD: 3-5m²/l

APPLICATION: Brush, roller and spray gun

- **TECHNICAL DATA SHEET: TDS 228**
- WHITE AND COLOURS: 15L
- BASES TKROMATIC: 15L



DRYING/PAINTING



DILUTION/CLEANING

2h /24h











ACRYPLAS FIJATIVO TOTAL PRO



Water-based, acrylic-based wall fixative, suitable for consolidating all types of wall supports, or coats of old whitewashed paints, as well as for varnishing bricks, natural or artificial stone.

OUTSIDE

RESIN

USES: Exterior. Masonry surfaces.

PERFORMANCE: 14m²/l APPLICATION: Brush, roller and spray TECHNICAL DATA SHEET: TDS 722

• FORMAT: 15L, 5L

ACRYPLAS LISO PROFESIONAL



Smooth coating for facades, based on acrylic copolymer dispersion. Specially formulated for professional use in both new construction and renovation.

DRYING/ REPAINTING

> 20` /6h

HANDS

USES: Exterior. Masonry surfaces.

WATER

1:3

DILUTION

COLOURS: White.

YIELD: 7-9m²/l

APPLICATION: Brush, roller and spray

TECHNICAL DATA SHEET: TDS 220

• FORMAT: 15L, 4L



ACRYPLAS ELÁSTICO PROFESIONAL



Smooth coating with high elasticity, based on acrylic resins with high resistance to atmospheric agents. It has a high hardness and very good adhesion to the different materials used in construction.

OUTSIDE

RESIN

DRYING/ REPAINTING

15-20

/4-6h

USES: Exterior. Masonry surfaces. Facades with cracks and fissures.

COLOURS: White.

YIELD: 7-9m²/l

APPLICATION: Brush, roller and spray gun

- TECHNICAL DATA SHEET: TDS 219
- FORMAT: 15L, 4L







ESSENTIAL

ACRYPLAS PÉTREO PROFESIONAL

Stone-based coating for façades, breathable, with good hardness and adherence to the different materials used in construction, and resistant to atmospheric agents.

USES: Exterior. Masonry surfaces. COLOURS: White. COVERAGE: 7-9m²/l **APPLICATION:** Brush, roller and spray TECHNICAL DATA SHEET: TDS 221 • WHITE: 15L, 4L









DILUTION/CLEANING









1st coat: **10-20%** 2nd coat

RESIN

EA

HANDS

ACRYPLAS

REVESTIMIENTO PROFESIONAL

PROFESSIONAL COATING REVETEMENT PROFESSIONNELLE **REVESTIMENTO PROFISSIONAL**







COMPARATIVE TABLE COATINGS

	PÉTREO PROFESIONAL	REVEST. PÉTREO	ACRYPLAST LISO PROF.	CARRARA LISO	SC LISO	SC EXTRA 10	SC ACRÍLICA MURAL UV	ELÁSTICO PROFESIONAL	SC ELÁST
PACKAGING	ACRYPLU estimutatio sectional g		ACRYPLU Ketenkal U	tkrom' (1)	tkrom S	krom ®	krom 0	ACRYPLU Retritemento Battaneta	
WARRANTY (years)	-	5	-	5	10	15	15	-	10
CE MARKING	-	CE	-	-	CE	CE	CE	-	C
TINTOMETRIC	-	0	-	-	0	0	0	-	C
IMPERMEABLE TO	••••0	•••••	••••0	•••••	•••••	•••••	•••••	•••••	•••
LIQUID WATER UNE-EN 1062-3	-	W3- BAJA	-	-	W3- BAJA	W3- BAJA	W3- BAJA	-	W3- BA
PERMEABLE TO WATER VAPOUR ISO 7783-2	•••••	V1- ALTA	-	•••00	V1- ALTA	V1- ALTA	•••00 V2- MEDIA	•••00 -	●●● V2- ME
WATERPROOFING CO2 ANTI-CARBONATION UNE-EN 1062-6	•00000 -	••0000	•00000 -	••000 -	••••• C1	••••• C1	••••• C1	•0000	• • • C1
PREVENTS MOISTURE AND LEAKS FROM THE EXTERIOR	•0000	••000	•0000	•••00	••••0	••••0	•••••	••••0	•••
PREVENTS BAGGING AND SPALLING	•••00	••••0	●●● 0 0	••••0	•••••	•••••	••000	•0000	•••
AVOID FOULING	••000	••••0	••000	•••00	•••00	•••00	••••0	•••00	•••
ANTI-ALKALINITY	00000	••0000	00000	••000	•••••	•••••	•••••	••000	•••
ANTI-CALEO	00000	••0000	00000	••000	•••00	••••0	••••0	••000	•••
SPECIAL CRACKS AND MICROCRACKS	00000	••0000	00000	••000	•••00	•••00	•••00	••••0	•••
PROTECTION ANTIMOLD	NO	YES	NO	YES	YES	YES	YES	NO	YE
DAP CERTIFICATE		YES	-	-	YES	-	-	-	YES
DOCUMENTATION TECHNICAL									
SEGMENT	LISOS							ELASTI	



ісо	SC ELÁSTICO EXTRA 10	CARRARA RUGOSO	SC RUGOSO	SC ELÁSTICO RUGOSO	SC ELÁSTICO RUGOSO EXTRA 10	SILICATO	SC HIDRO SUPERLITE	SUPERLITE EXTERIOR	PÉTREO SILOXANO	SC SILOXANO	
	ikrom		krom (S		krom ()	tkrom @	throm (B)			krom ()	
	15	5	10	15	15	10	15	15	7	12	
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JA	W3- BAJA	-	-	-	-	W3- BAJA	W3- BAJA	W3- BAJA	W3- BAJA	W3- BAJA	
● O EDIA	●●●○○ V2- MEDIA	•••00	•••00	•••00	•••00	V1- ALTA	V1- ALTA	••••O V2- MEDIA	V1- ALTA	V1- ALTA	
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6	YES	YES	YES	YES	YES	YES	YES	NO	YES	YES	
	-	-	-	-	-	-	-	-	YES	YES	
cs		ROUGH				SPECIAL					

HIDROFUGANTE FACHADAS AL AGUA



Invisible protective treatment for façades, formulated with silanes and siloxanes. Protects the facing from water penetration and the growth of fungi and algae. Due to its strong water-repellent effect, it repels water by forming beads, preventing the penetration of rainwater into the surfaces to which it is applied, allowing the water vapour of the substrate to breathe. **APPLICATIONS:** Exterior. Specially formulated for the treatment of facades and walls made of cement, masonry, concrete, natural and artificial stone, facing bricks , etc.

COLOURS: Transparent.

PERFORMANCE: 3-5m²/l

APPLICATION: Brush, roller and spray gun

TECHNICAL DATA SHEET: TDS 723

• FORMATS: 1L, 5L, 15L



IMPERMEABILIZANTE FACHADAS HIDROFUGANTE AL DISOLVENTE

OUTSIDE

RESIN



Protective waterproofing for façades formulated with siloxanes. Transparent and colourless waterproofing agent for waterproofing facades without modifying their appearance. Due to its marked pearl-forming effect, it repels water, preventing the penetration of rainwater into the walls on which it is applied, without hindering breathability, as it does not influence the water vapour permeability of the substrate. **APPLICATIONS:** Exterior. Specially formulated for the treatment of facades and walls made of cement, masonry, concrete, natural and artificial stone, facing bricks , etc.

COLOURS: Transparent.

PERFORMANCE: 1.5m²/l

APPLICATION: Brush, roller and spray gun

TECHNICAL DATA SHEET: TDS 602



BARNIZ ANTIGRAFITTI 2C



Clear, colourless varnish based on hydroxylated acrylic resin and aliphatic isocyanate for graffiti protection.

USES: Exterior. Masonry surfaces.

FINISHING: Gloss, satin, matte.

PERFORMANCE: 9-11 m²/l

APPLICATION: Brush, roller and spray gun

- TECHNICAL DATA: TDS 401
- FORMAT: 750 mg, 3 kg





FACADES, YOUR PROTECTION MAKES THE DIFFERENCE

THE USE OF FACADE WATER REPELLENTS AS A FINAL COAT IN APPLICATION SYSTEMS OFFERS MULTIPLE ADVANTAGES ON THE TREATED PARAMETERS.



UNTREATED SAMPLE

TREATED SAMPLE

ADVANTAGES OF USING WATER REPELLENTS



Reduces the appearance of efflorescence.



Does not modify the appearance of the façade.



Allows the substrate to breathe.



Waterproofing barrier.



Greater durability.

WORK EMBLEMATIC TKROM PAINTINGS

Renovation project for the cladding of the Príncipe Felipe Science Museum.

Due to the large amount of dirt accumulated on the façade of the building and in order to enhance the mineral appearance of the support, it was decided to apply a silicate product with high breathability and resistance to soiling.

Finishing with a layer of water repellent in the lower areas of the building to increase its durability and resistance. Year of execution 2023

Coating applied **TKROM SILICATO**

Coating layers: 2

Surface **32.000 m2 / 120 microns**

Protection TKROM HIDROFUGANTE FACHADAS AL AGUA

Protective layer: 1

Surface **7.500 m2**





SALES POINTS

A whole team of painting and decoration professionals to help you and look for the best solutions.

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