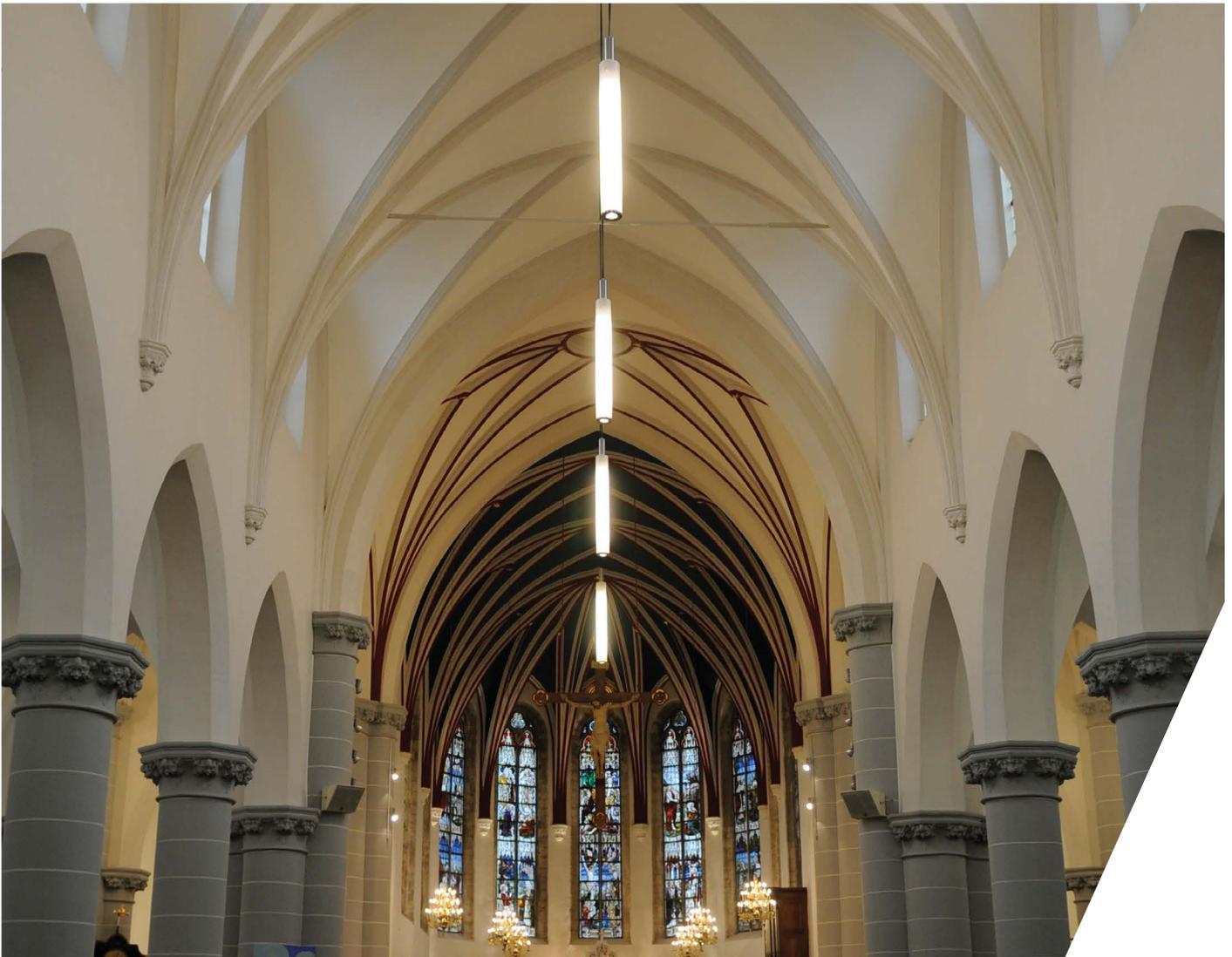




rewah

Renovation and restoration

**Products and systems
for building restoration**





Rewah NV

Rewah is a Belgian company that develops, produces and sells chemical construction materials.

Rewah has an established reputation in the fields of restoration, waterproofing, concrete construction and paint. Ever since the company was founded in 1985, Rewah has been synonymous with professionalism, quality and service. These are sound values that will underpin the company's future direction.

The parent company in Zandhoven currently employs 35 people. In addition, Rewah has a number of international customers and distribution arrangements. Rewah is a key player in many European and Asian countries.

On strong foundations of know-how and experience, Rewah has built a resource base for experts. Rewah is intent on following developments in the construction sector closely and is already working on the knowledge of tomorrow. As a result, Rewah masters every detail of its expertise.

Rewah offers solutions for:

- cleaning and restoration of buildings and monuments
- general waterproofing and water management
- additives for mortar and concrete
- moss removal and roof renovation
- interior and exterior paintworks
- decoration techniques
- mortars for filling and anchoring
- concrete repair with various specialties
- cement and resin-based flooring
- steel fibers for concrete structures ...



This brochure presents a range of products used in the renovation and restoration of buildings.

It covers a wide array of interventions and techniques, for which Rewah offers reliable, high-quality products and systems.

Renovation and restoration are divided into:

- preparation
- cleaning
- special cleaners
- wood restoration
- stone hardeners
- restoration of natural stone
- crack stabilization
- moisture and salts
- lime products
- protection
- finishing

Preparation



The choice of cleaning technique depends on the **degree of contamination** and the **nature** and **condition** of the **substrate**. The removal of paint layers on wood, stone, metal, etc. is done with a paint stripper or a “decapant”.

Paint strippers

The removal of paint layers on wood, stone, metal, etc. is done with a paint stripper, also called a “decapant.” The product is applied to the paint layer, after which the paint softens and can be removed. Suitable for removing paints based on acrylate, silicone, PU, epoxy, etc. Mineral paints such as lime paint or silicate paint cannot be removed with a decapant.

Decamur

Solvent free powerful stripper for facade paint, safe to use.

Biologic degradable, water based.
Free of methylene.

Decastrip Max

Powerful, fast-acting paint stripper for outdoor use.

Methylene chloride-free.



Cleaning products

A clean or beautiful roof or facade gives a home the appearance it deserves. Cleaning the roof or facade is essential before coating or painting can take place. Do this with Rewah cleaners, available in various concentrations.



Demassol

Powerful disinfectant for removing all kinds of deposits (lichen, alga, fungus etc.) on surfaces such as plastic, wood, (ceramic) floors, roof tiles, slates and facades.

Permission number Department of Public Health 11606B.

Demassol - voor/na
CKG Don Bosco Kortrijk

Cleaning

The choice of cleaning technique depends on the degree of contamination and the nature and condition of the facade material. After a preliminary investigation and test cleaning, the result is evaluated, and the best cleaning technique can be selected.

Cleaning products

Contrary to mechanical cleaning techniques such as sandblasting or abrasive techniques, we try not to damage the surface. Be sure to protect yourself and any surrounding areas that are not to be treated when using these cleaners.



Redinet	Omniclean Conc
<p>A viscous mixture of strong acids.</p> <p>The active ingredients work optimally on the dirt that is situated on the surface of the material needing treatment without damaging the material unnecessarily.</p>	<p>Concentrated cleaner with a base of biodegradable modified tensioactives and detergents.</p> <p>Acts on the pollution so that the dirt is soaked off the surface in a way that it can be washed down with water.</p>
Rewanet Mega	Rewaclean Pro
<p>Specific cleaning product with self-cleaning aftereffect.</p> <p>Used for thorough cleaning of slated roofs, roof tiles, concrete, stone, masonry and similar building materials.</p>	<p>Super concentrated cleaning material for building materials.</p> <p>Used to clean persistent contaminated slate roofs, tiles, concrete, plastering and masonry.</p>

Special cleaners

The choice of cleaning technique depends on the **degree of contamination** and the nature and condition of the **facade material**. After a preliminary investigation and test cleaning, the cleaning effect is evaluated, and the best cleaning technique can be selected.

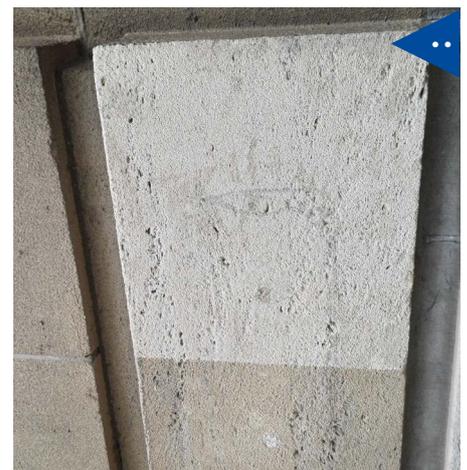
In addition to standard cleaning products, Rewah has developed **two special cleaners**, each with its own application. These are specially formulated to minimize the impact on the stone while maximizing the cleaning effect.

Faconet

Pasty cleaning product based on natural clay and typical additives, without danger of affecting the substrate or formation of harmful and/or water-insoluble salts. Due to its composition and non-aggressive nature, the product is very suitable to be used in the cleaning of historic buildings and art works.

Faconet Eco

Faconet Eco is a new addition to the range. This product is fully biodegradable, leaves significantly less residue, and ensures effective cleaning while respecting the substrate. It is the ideal ecological choice when minimal environmental impact is required.



- Apply Faconet in a thick layer and allow it to act for a maximum of 24 hours
- Faconet: before and after on natural stone
- Boerentoren in Antwerp cleaned with Faconet

Special cleaners

Monuclean BF 4 NA

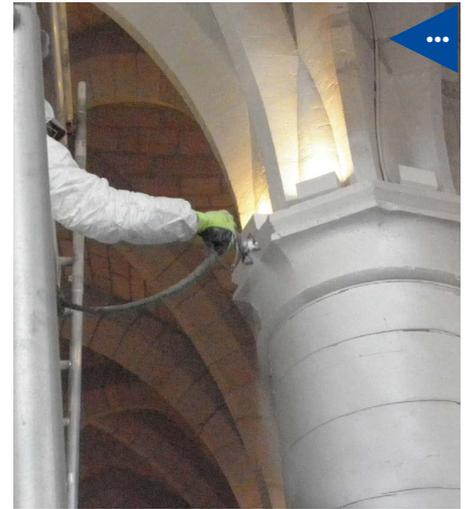
For dry cleaning of inside dirt deposits. Peelable, odorless, elastic cleaning paste free of ammonia for the removal of dirt deposits, soot, blackening, dense smoke and dust stains. Based on natural rubber, incorporating dirt-absorbing fillers and functional additives.

Types M and G contain only biodegradable cleaning products. Types 4 and X also contain EDTA as a cleaning component.

Available in the following versions:

Monuclean BF 2 NA

Monuclean BF 4 NA



- Monuclean, peelable cleaning paste
Church, Koblenz
- Monuclean, easy to peel off
Conciergerie, Paris
- Monuclean, application at the
Palais de la Cité, Paris
- Monuclean, before and after
Church, Koblenz



Efflorescences

White efflorescence on façades can have various causes. The type of efflorescence is also a determining factor when selecting the appropriate cleaning method. White deposits may be caused, for example, by lime, soluble salts, or gypsum (surface greying). Except for surface greying — which must be removed mechanically — Rewah has developed the following products for the treatment of other types of efflorescence.

Saltremove	Cementremove
<p>Acid product for neutralizing and eliminating salt efflorescence.</p> <p>Neutralizing these salts so they can no longer dissolve, migrate, or recrystallize therefore makes it possible to prevent them from causing any damage.</p>	<p>Pre-prepared cement residue remover, free of phosphoric and hydrochloric acid.</p> <p>Is used to remove cement residue and lime efflorescence.</p>





Wood restoration

The repair and casting of weathered wooden beams is carried out using the so-called polymer-chemical **beam-end restoration**. Artipox HR/RB-2 was specially developed for this purpose.

Artipox HR/RB-2

Self-levelling epoxy mortar for polymeric chemical beam head restoration.

RewaGuard Multi

A ready to use insect-, mold- and termite killing micro emulsion. Authorization by Min.of Public Health and the Environment: n° 496 B.



- Wood restoration at Merksplas Kolonie
- Beam head repair using Artipox HR/RB-2, Sint-jacobskerk, Antwerp

Stone hardeners

Rewah
products
monuments



Natural stone can disintegrate due to frost damage, salt crystallization, physical damage, acid rain, etc. In cases of severe damage, the stone can be partially replaced. It can also be repaired with a natural stone repair mortar. However, the substrate must have **sufficient cohesion**. This can be achieved by pre-treating the stone with a **stone hardener**.

Among other things, acid rain can cause natural stone to disintegrate. In this process, the binder in the stone is washed out, forming a gypsum layer on the surface. To **re-harden** the disintegrating part of the stone, a stone hardener is applied. This forms an amorphous pure mineral quartz gel that restores the stone's strength.

The penetration depth and application quantity can be determined using the DRMS method, a test that can be performed by official institutions.

Rewah offers four stone hardeners on the market.

Artisil SVS 75

Stone hardener based on ethyl silicic acid ester for natural stone concrete and brick, jointing (75% active ingredient). Version "U": specifically formulated for limestone, with adhesion promoter.

Artisil SVS 100

Stone hardener based on ethyl silicic acid ester (100% active ingredient) for natural stone concrete and brick, jointing (100% active ingredient). Version "U": specifically formulated for limestone, with adhesion promoter.

- The stones of this small castle in Lovendegem were consolidated using Artisil SVS 75
- For the restoration of the Red Star Line Museum in Antwerp, the stone hardener Artisil SVS 100 was used





Restoration of natural stone

When restoring natural stone, it is important that the **mortar is adapted** to the properties of the substrate. With Monulime, this is perfectly achievable. Both in terms of structure and physical properties, it is ideally suited for touching up various types of natural stone.



Monulime

Lime based repair mortar for natural stone and bricks.

Mortar based on natural hydraulic lime and hydraulic binders.

Available in 16 standard colours.

Monulime Pigment

Mineral pigments for colouring the Monulime lime-based repair mortar for natural stone and bricks.

Monulime Primer Plus

Primer for use beneath Monulime.

Crack stabilization

In cracked masonry, **spiral anchors** can be inserted into the joints to stabilize the crack.

Spiral anchors

Stainless steel twisted section bars for crack stabilization.

The helical anchors provide an optimal connection between different parts of the masonry.

Anchor mortar

Hydraulic mortar for embedding spiral anchors in masonry joints.

Mortar based on cement and polymer additives for optimal adhesion to anchors and substrate.

Anchor clips

Stainless steel clips for securing long pieces of spiral anchor.

Easy to apply.
Holds spiral anchors in place by clamping them in the joint.



Moisture and salts

Rising damp

Moisture is one of the **biggest causes of construction problems**. Rewah has long been a leader in the development of products against rising damp. Both the liquid products and the gel-based ones achieve the highest quality in tests conducted by the WTCB.

Rewagel Inject 3A+++

Solvent-free, user-friendly, and ecological product that provides permanent protection against rising damp. The product is pumped, by means of a simple system, into holes drilled in the foot of the wall and forms a waterproof damp-proof course at the foot of the wall to prevent rising damp by capillarity.

Indusil MS 3000 ISO

Solvent-based injection product that provides complete protection against rising damp. Indusil MS 3000 ISO is injected just above the floor level. The product polymerizes within the capillaries and pores, forming a waterproof barrier that prevents capillary moisture rise.



- Onze Lieve Vrouwenkerk in Bruges was injected with Indusil MS 3000 ISO

Salts

Salts, in particular **sulphates**, are very destructive. It is of capital importance to immobilize these salts or extract them from the walls. For hygroscopic salts also, such as **nitrates**, Rewah offers a solution by **blocking** them with a **membrane**. Moreover, the harmful effect of the salts can be stopped with **salt buffering plasters**.

Membrasec Blauw

Plastic studded membrane with a reinforcement mesh. The membrane is resistant to moisture, salt, chemicals, bacteria, and fungus.

Treated walls can be immediately and permanently finished with plaster or plasterboard.

Calisan NHL

Salt buffering reversible plaster based on natural hydraulic lime plaster suitable to coat walls with salt deposits.

Used as anti-condensation plaster and is suitable to coat walls treated against rising damp.

Califinish

Ready-made hydrophobic finishing plaster. Mainly used as a finishing coat for the plaster Calisan NHL.



Saltpull type 2

Temporary desalination plaster based on clay, cellulose fibers, and calibrated sand.

Salts migrate by advection from the substrate and settle into this plaster.

Tradilys Protect

Renovation plaster for damp and salt-contaminated walls.

- Saltpull Type 2 after 1 week of drying

Lime products

Natural hydraulic lime is particularly suitable for the restoration of old buildings due to its high **vapor permeability**, excellent **adhesion**, and **plasticity**.

Hydraulic lime can be used to prepare, among other things, masonry mortars, pointing mortars, plasters, and repair mortars.

Socli Chaux NHL 3,5 white or grey

Pure, natural hydraulic lime.
Strength class 3.5

Socli Chaux Rabot NHL 5 grey

Pure grey, natural hydraulic lime.
Strength class 5

Socli Rénochaux NHL 2 white

Pure white, natural hydraulic lime.
Strength class 2

Monolys

Ready-to-use lime coating with
very fine granulometry for finishing
decorative interiors.



Cent% Sous-Enduit + Finition

Exterior plaster as a base layer
based on natural hydraulic lime.
Finition: Facade plaster based on
natural hydraulic lime.

Renocolor Sous-Enduit + Finition

Exterior plaster as a base layer
based on natural hydraulic lime.

Tonachino San Tommaso

Thin-layer, fine-grained micro
coating based on natural lime.



- Façade in Bruges finished with lime-based products.

Protection



Water repellents

Hydrophobing is the process of making a building material water-repellent without significantly altering its water vapor diffusion resistance.

By applying a hydrophobe (a water-repellent impregnation) to a façade, the substrate becomes **water-repellent** while remaining **vapor permeable**. This allows the wall to continue breathing.

Keuze van de hydrofuge		water repellent	oil-repellent	without staining*	WTCB-report
Redisil S	liquid, solvent based	✓	✗	✗	✓
Rewasil 4 AVT	liquid, solvent based	✓	✗	✓	✓
Rewasil 7	liquid, solvent based	✓	✗	✗	✓
Aquasil RS 8	liquid, water-based	✓	✗	✗	✓
Oleofuge Façade	liquid, water-based	✓	✓	✓	✓
Gelifuge New	gel, water-based	✓	✗	✗	✓
Stonegel	gel, water-based	✓	✗	✗	✓

* on non-porous substrates

Anti-graffiti

To ensure that the surface can be cleaned more easily after being defaced with graffiti, a **protective layer** is applied using an anti-graffiti product.



Rewax AG

One component liquid, wax-based, as anti-graffiti protective coating for brick, concrete, stone and other mineral building materials. Metal, synthetic material and painted surfaces can also be protected.

Redisil S	Rewasil 4 AVT
Moisture-proof product based on oligomer siloxanes (10%). With WTCB-report (100% 100% efficiency on all tested substrates.)	Hydrophobic treatment that does not stain blue limestone, glass, or other non-porous surfaces. Contains 4% siloxanes and organometallic compounds, solvent based.
Aquasil RS 8	Rewasil 7
Water-based hydrophobic treatment based on oligomer siloxanes.	Moisture-proof product based on oligomer siloxanes (7%). It hardly affects the drying capacity of the wall.
Gelifuge	Oleofuge Façade
Water repellent product in gel form, based on a blend of silane/siloxane (25%). Without darkening of the treated substrate.	Water-based hydrophobe and oleophobe. Based on silanes, siloxanes, and fluorinated carbon compounds. Ideal for areas with heavy pollution (cities, industrial zones). Leaves no stains on blue limestone, glass, or other non-porous surfaces.
Stonegel	
Water-based, gel-form hydrophobic treatment based on a silane-siloxane blend. Supported by an official WTCB test report.	



Finishing

To restore color and protection to a building **after cleaning**, a range of **finishing options** are available. One can opt for a mineral finish using authentic limewash or choose to paint with our paints. A combination of both is also possible.

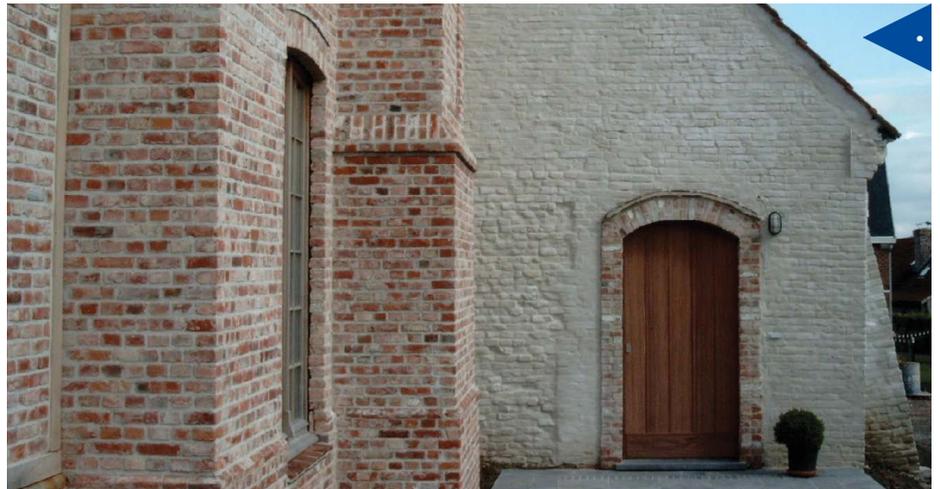
Limewash: mineral finish for exterior surfaces

Limewashing is a decorative finishing technique with an authentic appearance. Its breathability is maximized through the use of pure natural hydraulic lime mortar.

Kalei Liscio 2

Cement-free and colorable fine lime mortar, with a neutral hydraulic lime base and mineral.

Add an authentic appearance and control moisture in internal and/or external walls.



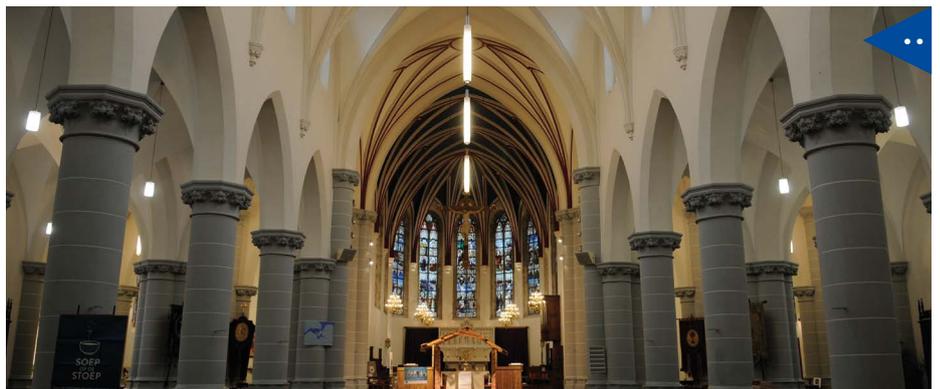
Lime paint: mineral finish for interior use

Lime paint Calciana

High quality resin-free and low-tension air-hardening lime paint for interior use.

Made from dispersed hydrated lime and natural fillers.

Lime paint is a “historic” product that, due to its unique properties, is once again widely used. Calciana lime paint is suitable not only for monumental interiors but also for so-called sustainable construction.



- Refuge Kapellenberg finished with Kalei Liscio 2
- Sint Martinuskerk in Duffel painted with Calciana lime paint

Paint

Exterior paints must withstand the most **extreme weather conditions**. Rewah has developed high-quality paints specifically for this purpose.

Tensiocoat

Moisture-proof, microporous and vapor-open colored coating based from micropolymers and a silane hybrid.

Tension-free, with a mineral matte appearance. Designed for the protection of monuments, exterior façades, and structural buildings.

Tensiocoat Quartz

Tensiocoat Quartz was also developed for a limewash look.

It is filled with quartz grains and can be applied over existing paint.

Tensiocoat Quartz Xtra

High filled, moisture proof and vapor-open silane hybrid based limewash paint.

Esterno Mat and Satin

Water-based PU-modified alkyd emulsion, perfectly suited to the Belgian outdoor climate. This lacquer protects your wood against dirt, moisture, and scratches, while allowing it to breathe. The system is completed with Estetik Isolprim, used as a primer—even on bleeding wood types.

- Reygerlo in Beernem finished with Tensiocoat, white





Consult the most recent technical data sheets at www.rewah.com, where you will find all technical information related to the products mentioned in this folder.

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Do you have any questions?

Feel free to contact us — our technical specialists are always at your service!

