



TECHNICAL SOLUTIONS FOR PRECAST CONCRETE



CLEANING, PROTECTION AND AESTHETICS OF
CONCRETE PRECAST ELEMENTS AND EQUIPMENT





For 30 years, leader in the care of materials

Guard Industry develops innovative and eco-friendly products designed to clean, protect and embellish building materials.

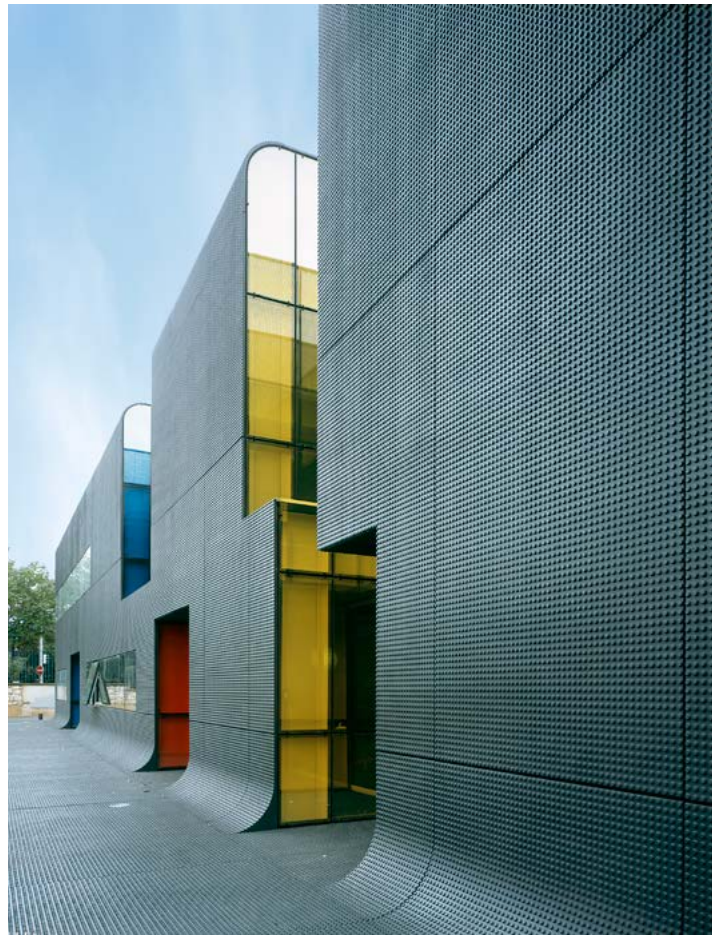
Everyday, our company assists industrial players and building manufacturers to meet their specific needs.

A specific range of products for concrete precast companies

To meet the specific needs of concrete, UHPC and GRC Guard Industry has developed a range of products that perfectly fit the peculiarities of these materials and allowing to clean, protect and decorate it.

Our cleaning products are designed to bring soiled concrete back to its original level of cleanliness. They are essential for good surface preparation. They help finishing products penetrate and ensure homogeneous result.

Once the surface has been cleaned, the clear or coloured protection product can be applied. It will maintain concrete elements 'new' appearance much longer.



« What is the common point between St. Peter's Basilica in Rome, Notre-Dame de Paris cathedral, the Petit Palais, Moscow university, Tian An Men square, Westminster streets, Qatar National Museum, the Marseillaise tower, Paris Orthodox Church, Puné temple, Hanoi airport and soon your building?

Look no further, Guard Industry's products have been used on all these projects. Contact us whether you want to know more about our solutions. Trust us and let us take care of your buildings.

Guard Industry is the aesthetic solution for construction materials, the finishing touch that makes the difference! ».

Barnabé Wayser, Guard Industry's CEO

We develop state-of-the-art products

- LRVision - Engineering company specialized in concrete aesthetics
- Eurofins - Market leader in testing and laboratory services
- CEBTP - Research Experimental Centre for Buildings and Public Works
- CREPIM - Laboratory for development and approval of materials covered by fire regulations
- LNE - French National Laboratory of Measurement and Metrology
- LMDC - Materials and Durability of Construction Laboratory
 - SIMCO Technologies inc - Expert in materials
 - Kiwa - Testing, Inspection and Certification services
- Hatcher & Associates - Specialist in environmental toxicology
- Lucideon - Materials and products consultancy, testing and technology
 - Atara - Consultant in eco-construction
- SGS - Inspection, verification, testing and certification company

For 30 years, Guard Industry has been committed to developing state-of-the-art products.

We use technologically advanced molecules: fluor, siloxane, silane, acrylic, elastomer and titanium dioxide. These high performance molecules give the best oil and water repellent properties and a high resistance to abrasion.

With 12 active patents, Guard Industry continues to innovate and surprise the construction industry.

Efficiency of our products has been approved by international testing centres

Tests carried out:

Hydrophobic test - Oil resistance test - Water absorption test - Test of resistance to abrasion and UV - Test of resistance to penetration of inks and graffiti - Toxicity test - Test of resistance to alkali, Flammability test, VOC emissions test - Food contact - EPD...

All our test reports are available upon request.

Eco-design to limit the environmental impact

At Guard Industry, we are committed to integrating environmental protection into the design of our products in order to reduce their environmental impact as much as possible.

The majority of the products we formulate are:

- Water-based
- Over 90% biodegradable (according to OECD standards)
- With a low level of VOC (Volatile Organic Compounds)
- Free of petroleum solvents
- Non-toxic / non-hazardous

PRODUCTS FOR EQUIPMENT

Guard Industry has developed Guard Tech®, a specific range of cleaning and protection products dedicated to tools maintenance. This innovative range comprises products designed to eliminate concrete residues, rust, cement film and laitance.



SUMMARY

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GUARDTECH REMOVER®

Product code 8151

Concrete cleaner and degreaser for RMC plant equipment.

Guard Tech Remover® Premium (GTR® Premium) is a new generation concrete remover.

GTR® Premium is highly effective at removing concrete and cement residues and storage and demoulding oils.

GTR® Premium is safer than mineral acids

GTR® Premium is much less aggressive than other products on the market based on citric, hydrochloric and phosphoric acids. It is therefore safer to use. GTR® Premium does not contain any CMR substance (carcinogenic, mutagenic or toxic to reproduction).

GTR® does not damage materials

Tests carried out on building materials have proved that GTR® Premium's active substance is less corrosive than other substances available on the market such as hydrochloric acid. GTR® Premium can be applied to all substrates with no major impact (metals, glass, rubber, paints, etc.) and does not damage spray guns.

Ideal for the maintenance of RMC equipment :

- metal formwork,
- wooden mouldboxes,
- concrete skips,
- props,
- RMC plants,
- concrete mixer trucks, etc.

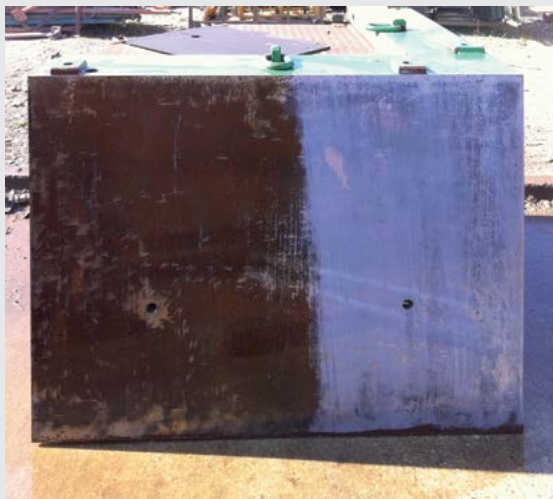
GTR® Premium can be applied to all substrates with no major impact (metals, glass, rubber, paints, etc.).

95%
BIODEGRADABLE



ADVANTAGES

- HIGH EFFICIENCY
- DOES NOT DAMAGE EQUIPMENT
- PROTECTS USER'S SAFETY
- CMR-FREE



GUARDTECH CLEANER®

Product code 8000

Biodegradable rust stripper for building equipment.

Guard Tech Cleaner® (GTC®) is a new generation rust stripper designed for cleaning formwork and all materials used in building and civil engineering.

GTC® instantly eliminates rust on formworks and building equipments. GTC® has been designed to meet the various requirements of applicators safety of use, effectiveness, low environmental impact and respect for the treated surfaces.

Unlike conventional acid products, it is not classified as a corrosive, meaning it poses much less of a hazard during use.

GTC® is an eco-friendly product formulated with organic molecules. It is biodegradable up to 70% and with low VOC content.

ADVANTAGES

- POWERFUL CLEANER
- QUICK EFFICIENCY
- DOES NOT DAMAGE EQUIPMENT
- NON CORROSIVE: SAFE TO USE

Ideal for the maintenance of RMC equipment :

- metal formwork,
- wooden mouldboxes,
- concrete skips,
- props,
- RMC plants,
- concrete mixer trucks, etc.

GTC® can be applied to all substrates with no major impact (glass, rubber, paints, etc.).

70%
BIODEGRADABLE





GUARDTECH LAITANCES®

Product code 8444

Biodegradable laitance, cement and lime stripper for building equipment.

Guard Tech Laitances® (GTL®) is a new generation cement and laitance stripper for the day-to-day maintenance of all building and civil engineering plant.

GTL® eliminates laitances, cement and lime on all vehicles (powder tankers, concrete truck mixers...) and on equipment used in building and civil engineering.

GTL® has been designed to meet the various requirements of applicators safety of use, effectiveness, low environmental impact and respect for the treated surfaces. Unlike conventional acid products, it is not classified as a corrosive, meaning it poses much less of a hazard during use.

GTL® is an eco-friendly product formulated with organic molecules. It is biodegradable up to 70% and with low VOC content.

ADVANTAGES

- POWERFUL CLEANER
- QUICK EFFICIENCY
- DOES NOT DAMAGE EQUIPMENT
- NON CORROSIVE: SAFE TO USE



Ideal for the cleaning of :

- vehicles (powder tankers, concrete truck mixers, etc.)
- plant and equipment used in building and civil engineering (metal forms, concrete skips...).

GTL® can be applied to all substrates with no major impact (glass, rubber, paints, etc.).

70%
BIODEGRADABLE



GUARDTECH WASH & GO®

Product code 8600

Biodegradable active foam shampoo for utility vehicles.

Guard Tech Wash & Go® (GT Wash & Go®) is a new-generation degreasing and laitance removal shampoo.

GT Wash & Go® is very effective at removing laitance, oil, grease and road film.

GT Wash & Go® is not classified as a corrosive, so is safe to use. Phosphate, soda and potash free, it was designed to meet the various requirements of applicators in terms of effectiveness, safety, use and impact on the environment.

ADVANTAGES

- POWERFUL, FAST-ACTING CLEANER
- QUICK AND EASY TO USE
- NON-CORROSIVE, NON IRRITANT
- READY TO USE

Ideal for weekly maintenance of builder's plant, utility vehicles and heavy goods vehicles.

70%
BIODEGRADABLE





GUARD TECH NEUTRALIZER®

Product code 8222

Vegetable protective and cleaning oil for concrete mixers.

Guard Tech Neutralizer® (GTN®) is a curative and preventive product designed to protect mixers and clean concrete residues.

1. Curative action :

Used on a daily basis, GTN® softens concrete residues that accumulate over the course of a working day. Applied at the end of a working day, it reduces concrete residues during the night.

2. Preventive action :

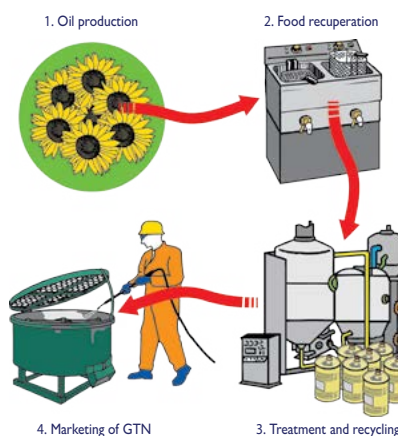
Thanks to its protection properties, GTN® prevents concrete from contaminating equipment and makes maintenance easier. It therefore helps to increase the lifespan of equipment.

GTN® can be applied to any equipment without alteration (metal, rubber, paint...) and without risk for users.

ADVANTAGES

- DISSOLVES CONCRETE AND MORTAR RESIDUES
- PREVENTS CONCRETE FROM STICKING
- DOES NOT DAMAGE EQUIPMENT
- NON CORROSIVE - NON IRRITANT

100% VEGETABLE ORIGIN



GTN® is a revolutionary product formulated with **100% organic-based raw material** of which 91% coming from second generation recycled oil.

GTN® does not contain petrochemical-based products, heavy metals and is not corrosive. It is therefore less hazardous than other products on the market. **It is 90% biodegradable and with low VOC content.**

IDEAL FOR THE MAINTENANCE OF :

concrete mixers,
concrete moulds... and all
building equipment



**D'MOULDGUARD®
MINERAL**

Product code 7510

Mineral delayed concrete release agent.

D'MouldGuard® Mineral is a mineral-based release agent without petroleum solvents for concrete and mortar.

D'MouldGuard® Mineral is intended for delayed mold release of all types of white or colored concrete (architectural, fiber, High Performance, etc.).

D'MouldGuard® removes any adhesion of concrete or laitance on the formwork and does not leave an oily mark on the concrete.

D'MouldGuard® Mineral facilitates form stripping and allows the subsequent application of plasters or paints (acceptance of the substrate is the responsibility of the applicator).

For use exclusively on site and on steel, wood, plywood, plastic, polyester formwork (consult us for other supports)

ADVANTAGES

- REMOVES ANY ADHESION OF CONCRETE OR LAITANCE ON THE FORMWORK
- DOES NOT LEAVE ANY OILY MARK ON THE CONCRETE
- ALLOWS THE SUBSEQUENT APPLICATION OF COATINGS OR PAINTS
- PETROLEUM SOLVENT-FREE

PRODUCTS FOR CONCRETE

We support concrete precast companies in developing tailor-made solutions that can be adapted to their production line to protect and embellish concrete and UHPC. We have developed four ranges of products designed to clean, protect, embellish and treat every kind of concrete.



SUMMARY

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Choose the appropriate product according to your needs

PROTECTION	PRODUCTS	PROPERTIES						
		Water absorption	Oil-repellent / anti-stains	Anti-graffiti	Resistance to abrasion	Rising of efflorescences	Pollution removal	Respect of the environment
	ProtectGuard® Special concrete	★★	★★★★★	★★★	★★★★	★★	✗	★★★★★
	ProtectGuard® WF Special concrete	★★★	★★★★★	★★	★★★	★★★	✗	★★★
	ProtectGuard® CE Special concrete	★★★★★	★★★★★	★★★★★	★★★★	★★★★★	✗	✗
	ImperGuard® CE Special concrete	★★★★	✗	✗	★★★★	★★★★	✗	★★
	ImperGuard® RF	★★★★★	✗	✗	★★★★	★★★★★	✗	✗
	ImperGuard® SV	★★★	✗	✗	★★★★	★★★	✗	✗
	ProtectGuard® FC 24H	★★★	★★★	★★	★	★★★	✗	★★★
	AntiGraffiti Guard® Premium	★★★★★	★★★★★	★★★★★	★★	★★★★★	✗	★★★
	DtoxGuard® Int	✗	✗	✗	★	✗	★★★★★	★★★★★
	DtoxGuard® Ext	✗	✗	✗	★	✗	★★★★★	★★★★★

DECORATION	PRODUCTS	PROPERTIES						
		Water absorption	Oil-repellent / anti-stains	Anti-graffiti	Resistance to abrasion	Rising of efflorescences	Decrease of heat absorption	Aesthetics possibilities (opacity, high jewellery, custom-mades shades...)
	ProtectGuard® Color	★★★★	★★★★	★	★★	★★★★	✗	★★★★★
	ProtectGuard® Color AntiGraffiti	★★★★	★★★★	★★★★	★★★★	★★★★★	✗	★★★★★
	ProtectGuard® Color Heat Control	★★★★	★★★★	★	★★	★★★★	★★★★★	★★★★
	ProtectGuard® Color AntiGraffiti Heat Control	★★★★	★★★★	★★★★	★★★★	★★★★★	★★★★★	★★★★
	ImperGuard® Color Silicate Stain	★★	✗	✗	★★	★★	✗	★★
	Mineral Paint Guard® Special Floors	★★	★★★	✗	★★★★★	★★★	✗	★★★



GUARD CLEANER® ECO

SURFACE PREPARATION

Product code 1344

Surface preparation / increasing of porosity of concrete precast elements.

Guard Cleaner® Eco Surface Preparation is a new generation stripper used to prepare concrete precast elements before the application of a finishing product.

Guard Cleaner® Eco Surface Preparation is a cleaner which rapidly removes mortar or concrete laitance, limescale deposits and traces of efflorescence.

Guard Cleaner® Eco Surface Preparation helps finishing products to penetrate.

Guard Cleaner® Eco Surface Preparation is a new generation product, it is much less aggressive than other products on the market (it is not classified and labelled corrosive or irritant, which means that the risk of accidents during its use is greatly reduced).

Guard Cleaner® Eco Surface Preparation requires no neutralisation after rinsing with water.

ADVANTAGES

- POWERFUL CLEANER
- OPENS POROSITY
- HELPS PRODUCTS TO PENETRATE
- QUICK EFFICIENCY
- NON CORROSIVE - NON IRRITANT

Use:

- allows finishing products to penetrate

Ideal for cleaning :

- cement residues,
- efflorescence on floors and walls,
- limescale deposits, etc.

NOTE:

In case of metallic fibers, do not use Guard Cleaner® Eco Surface Preparation to clean the concrete but Guard Cleaner® Eco Maintenance.

70%
BIODEGRADABLE





GUARD CLEANER® ECO

MAINTENANCE

Product code 1354

Degreasing and daily maintenance of concrete precast elements.

Guard Cleaner® Eco Maintenance is a highly concentrated cleaner for maintenance of concrete protected with a protection product.

Guard Cleaner® Eco Maintenance is a highly concentrated product designed for the cleaning and daily maintenance of concretes protected with a product from the ProtectGuard® or ProtectGuard® Color ranges.

Guard Cleaner® Eco Maintenance eliminates stains, grease, pollution marks without altering the protection product. Guard Cleaner® Eco Maintenance helps keeping the brand new appearance of the concrete.

Guard Cleaner® Eco Maintenance can also be used to eliminate grease and form oils. It can be used with Guard Cleaner® Eco Surface Preparation to achieve a perfect concrete preparation before application of a protection product.

In contrast to commonly-used corrosive or irritant products, Guard Cleaner® Eco Maintenance consists of easily biodegradable and effective molecules.

ADVANTAGES

- **POWERFUL CLEANER**
- **QUICK ACTION**
- **ELIMINATES STAINS AND GREASE**
- **DOES NOT ALTER THE PROTECTION PRODUCT**
- **NON CORROSIVE - NON IRRITANT**

Use:

- Cleaning and daily maintenance of concretes protected with a protection product
- Can be used with Guard Cleaner® Eco Surface Preparation to achieve a perfect concrete preparation before application of a protection product.
- Use for cleaning concretes with metallic fibers.

60%
BIODEGRADABLE





Product code 1210

Graffiti cleaner for surfaces protected by an anti-graffiti protection product

GraffitiGuard® 2010 is a special cleaner designed to remove ink and paint stains and residues.

GraffitiGuard® 2010 is designed for the cleaning of surfaces protected by Guard Industry's two-components products : AntiGraffiti Guard® Premium Special Concrete and ProtectGuard Guard® Color AntiGraffiti.

GraffitiGuard® 2060 does not alter the surface, the protection product does not need to be reapplied after the graffiti removal.

ADVANTAGES

- POWERFUL CLEANER
- EASILY REMOVES ALL TYPES OF GRAFFITI
- READY AND EASY TO USE
- DOES NOT DAMAGE PROTECTION

Ideal for the cleaning of :

- All types of concretes: standard, reinforced, fibre, high-performance (UHPC, GRC)

Application :

- Facades
- Outdoors
- Surfaces protected by a Guard Industry two-components protection product



PROTECTGUARD®

SPECIAL CONCRETE

Product code 2115

Water and oil repellent, soiling and graffiti protection for concrete.

ProtectGuard® Special Concrete is the leading product for all-round protection for concrete.

ProtectGuard® Special Concrete provides long-lasting protection and prevents the main causes of damage like atmospheric pollution, grease marks, ingress, chewing gum, graffiti, etc. It slows down the ageing of the concrete and makes it easier to maintain.

ProtectGuard® Special Concrete is a non-film forming impregnation product, the material remains permeable to air and water vapour. Colourless after application, it does not change the appearance or the nature of the treated material. It is also fully UV ray resistant and does not yellow over time.

ProtectGuard® Special Concrete is a water-based and solvent-free eco-friendly product.

Ideal for the protection of :

- All types of concretes: standard, reinforced, fibre, high-performance (UHPC, GRC)

Application :

- Floors
- Facades
- Indoors
- Outdoors

BEADING EFFECT
WATER + OIL



GUARANTEED
EFFICIENCY

10
YEARS

100%
BIODEGRADABLE



ADVANTAGES

- PROTECTS AGAINST WATER, OIL, STAINS AND GRAFFITIS
- LETS THE MATERIAL BREATHE
- ABRASION RESISTANT
- UV AND FROST RESISTANT



PROTECTGUARD® WF

SPECIAL CONCRETE

Product code 2135

Water and oil repellent with a wet finish for concrete.

ProtectGuard® WF Special Concrete is a water and oil-repellent treatment for concrete.

ProtectGuard® WF Special Concrete protects concrete against water ingress, oil and all types of stains. It makes maintenance easier and prevents the main causes of ageing like grease marks, ingress, etc.

ProtectGuard® WF Special Concrete is an environmentally-friendly product, completely in an aqueous phase (non toxic, oil-based solvent-free).

ProtectGuard® WF Special Concrete is an impregnation product, the material remains permeable to air and water vapour. It is also fully abrasion and UV resistant and does not yellow over time.

Exists in matt or glossy finish.

ADVANTAGES

- PROTECTS AGAINST WATER, OIL AND STAINS
- LETS THE MATERIAL BREATHE
- ABRASION RESISTANT
- UV AND FROST RESISTANT
- EXISTS IN FLAT / GLOSSY FINISH

Ideal for the protection of :

- All types of concretes: standard, reinforced, fibre, high-performance (UHPC, GRC)

Application :

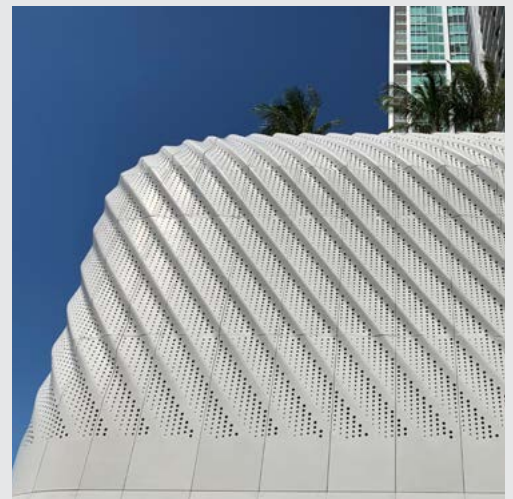
- Floors
- Facades
- Indoors
- Outdoors

BEADING EFFECT
WATER + OIL



80%
BIODEGRADABLE





PROTECTGUARD® CE
SPECIAL CONCRETE



Product code 2142

Water and oil repellent for concrete. Meets standard EN 1504-2.

ProtectGuard® CE Special Concrete has established itself as the benchmark product for water-repellent, oil-repellent and anti-stain protection for concrete.

ProtectGuard® CE Special Concrete durably protects concrete against water, efflorescences, mould, atmospheric pollution, grease-type staining, chlorides, corrosion and carbonation.

ProtectGuard® CE Special Concrete is a very high penetrating product (penetration > 10 mm) for deep protection of concrete.

Treated concrete will benefit from an increased life-span and will be easier to maintain.

ProtectGuard® CE Special Concrete is an impregnation product allowing the substrate to remain permeable to air and water vapour. It resists to UV and abrasion.

ProtectGuard® CE Special Concrete is a CE marking product, that meets standard EN 1504 part 2.

ADVANTAGES

- PROTECTS AGAINST WATER AND CHLORIDES
- ANTI-STAINING AND ANTI-SOILING
- VERY HIGH PENETRATING POWER (> 10MM)
- PREVENTS CORROSION OF REINFORCEMENTS
- HIGHLY ALKALI-RESISTANT
- LETS THE MATERIAL BREATHE
- UV AND FROST RESISTANT

Ideal for the protection of :

- All types of concretes: standard, reinforced, fibre, high-performance (UHPC, GRC)

Application :

- Floors
- Facades
- Indoors
- Outdoors

CE marking product.



BEADING EFFECT
WATER + OIL



GUARANTEED
EFFICIENCY

10
YEARS

TESTED & CERTIFIED
as per ASTM E84 with Class
A result



Refer to www.tbwcert.com for validity and full documentation



Product code 2080

Water-repellent for concrete. Meets standard EN 1504-2.

ImperGuard® CE Special Concrete is a high-performance water-repellent treatment for concrete.

ImperGuard® CE Special Concrete provides long-lasting protection for all concretes against water, chlorides, corrosion and carbonation.

ImperGuard® CE Special Concrete is a non-film forming impregnation product, the material is still permeable to air and water vapour.

Completely colourless after application, it does not change the appearance or the nature of the treated material. It is also fully resistant to UV rays and does not yellow over time.

ImperGuard® CE Special Concrete is a CE marking product, that meets standard EN 1504 part 2.

ADVANTAGES

- PROTECTS AGAINST WATER AND CHLORIDES
- PREVENTS CORROSION OF REINFORCEMENTS
- HIGHLY ALKALI-RESISTANT
- LETS THE MATERIAL BREATHE
- UV AND FROST RESISTANT

Ideal for the protection of :

- All types of concretes: standard, reinforced, fibre, high-performance (UHPC, GRC)

Application :

- Facades
- Indoors
- Outdoors

CE marking product.

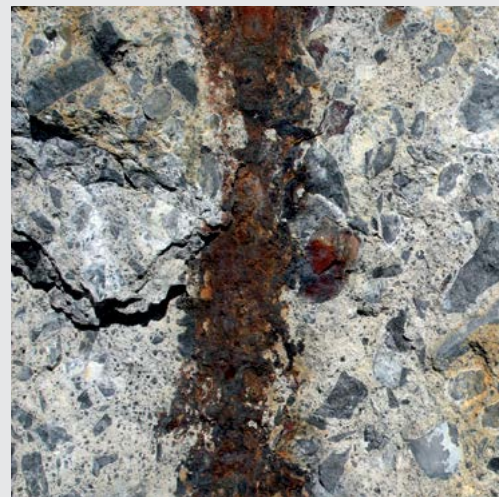
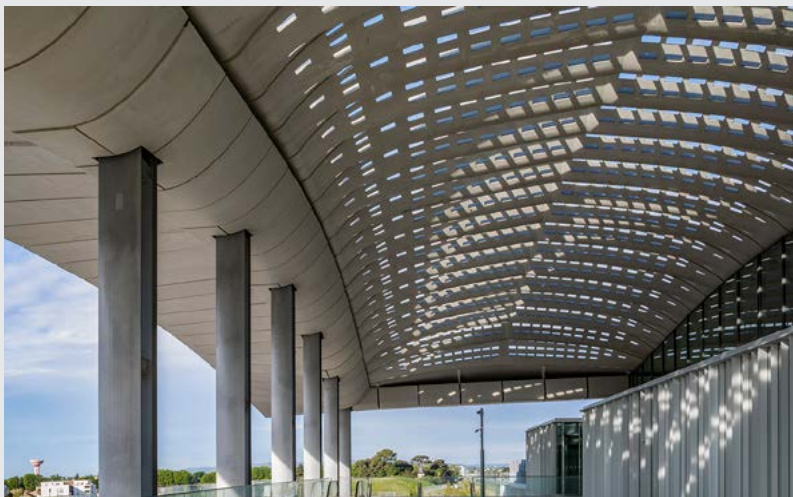


PROTECTION
WATER



GUARANTEED
EFFICIENCY





IMPERGUARD® RF

Product code 2050

Deep-down water protection for concrete. Meets standard EN 1504-2.

ImperGuard® RF is a colourless, solvent-free penetrating product for the deep-down protection of concrete against water, mould and chlorides. It limits efflorescences.

Applied before a clear or a coloured protection product, ImperGuard® RF increases protection against water in compliance with CE marking.

ImperGuard® RF is a very high penetrating product (penetration > 10 mm) for deep protection of concrete.

ImperGuard® RF is a non-film-forming product allowing the substrate to breathe.

ImperGuard® RF is a CE marking product, that meets standard EN 1504 part 2.

ADVANTAGES

- PROTECTS AGAINST WATER AND CHLORIDES
- VERY HIGH PENETRATING POWER (> 10MM)
- PREVENTS CORROSION OF REINFORCEMENTS
- HIGHLY ALKALI-RESISTANT
- LETS THE MATERIAL BREATHE
- UV AND FROST RESISTANT

Ideal for the protection of :

- All types of concretes: standard, reinforced, fibre, high-performance (UHPC, GRC)

Application :

- Facades
- Indoors
- Outdoors

CE marking product.

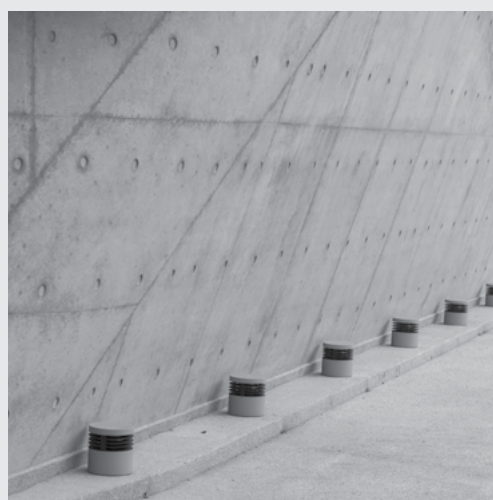


PROTECTION
WATER



GUARANTEED
EFFICIENCY

15
YEARS



IMPERGUARD® SV

Product code 2030

Solvent-based water repellent for concrete.

ImperGuard® SV is a highly efficient solvent-based product designed to protect concretes against water penetration.

ImperGuard® SV significantly reduces capillary absorption of water. This outstanding performance deeply protects porous and low porous concretes against penetration by precipitation.

ImperGuard® SV thus eliminates negative effects caused by humidity : erosion, degradation due to continuous 'freezethaw' cycles, efflorescence, salt peter; development of micro-organisms, etc.

ImperGuard® SV is a non-film forming impregnation product, the material is still permeable to air and water vapour. Completely colourless after application, it does not change the appearance or the nature of the treated material. It is also fully resistant to UV rays and does not yellow over time.

ADVANTAGES

- PROTECTS AGAINST WATER AND CHLORIDES
- HIGH PENETRATING POWER
- LIMITS CORROSION OF REINFORCEMENTS
- ALKALI-RESISTANT
- LETS THE MATERIAL BREATHE
- UV AND FROST RESISTANT

Ideal for the protection of :

- All types of concretes: standard, reinforced, fibre, high-performance (UHPC, GRC)

Application :

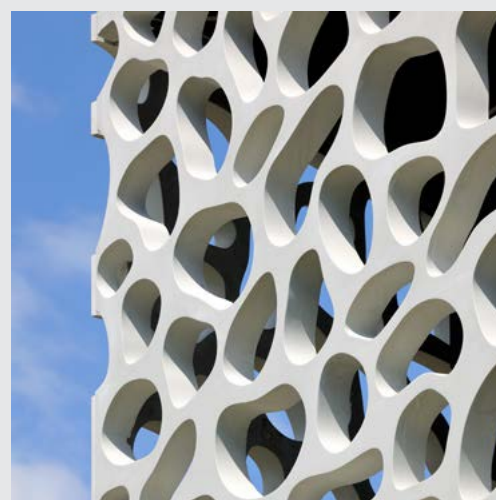
- Facades
- Indoors
- Outdoors

BEADING EFFECT
WATER



GUARANTEED
EFFICIENCY

5
YEARS



PROTECTGUARD® FC 24H

FRESH CONCRETE

Product code 2125

Total protection of fresh concrete less than 28 days.

ProtectGuard® FC 24H is a water and oil-repellent product for young / alkaline concrete.

ProtectGuard® FC 24H protects young / alkaline concrete against water, oil, stains, soiling of any type and graffiti. Surfaces treated with ProtectGuard® FC 24H deteriorate less rapidly and make maintenance easier.

Due to its special composition, ProtectGuard® FC 24H can be applied to hardened concrete 24 hours after it is laid or even once the mould is removed for fabricated elements.

ProtectGuard® FC 24H highly reduces the appearance of mould at a substrate's surface and protects during transportation and storage.

ProtectGuard® FC 24H is a non-film forming impregnation product, the material remains permeable to air and water vapour. It is also fully resistant to UV rays and does not yellow over time.

ProtectGuard® FC 24H is available in a matt or satin version.

ProtectGuard® FC 24H is a water-based and solvent-free eco-friendly product.

Ideal for the protection of :

- All types of concretes: standard, reinforced, fibre, high-performance (UHPC, GRC)

Application :

- Facades
- Indoors
- Outdoors

BEADING EFFECT
WATER + OIL



80%
BIODEGRADABLE



ADVANTAGES

- PROTECTS AGAINST WATER, OIL AND STAINS
- LETS THE MATERIAL BREATHE
- UV AND FROST RESISTANT
- EXISTS IN FLAT / SATIN FINISH



ANTIGRAFFITIGUARD® PREMIUM

Product code 2212

Permanent anti-graffiti protection for concrete.

AntiGraffiti Guard® Premium is a very high performance two-part anti-graffiti product.

Formulated with new generation resins it is much more effective in terms of protection of all porous and low porous concrete against all kinds of graffiti or tags (paint, felt pens, etc.) and dirt.

AntiGraffiti Guard® Premium protects treated surfaces permanently. It can be cleaned dozens of times (using GraffitiGuard® 2060 graffiti cleaner). It does not need to be reapplied after graffiti removal.

AntiGraffiti Guard® Premium also offers efficient protection against abrasion and scratches.

AntiGraffiti Guard® Premium is available in a glossy or satin version.

ADVANTAGES

- ANTI-GRAFFITI PROTECTION
- WATER REPELLENT & ANTI-STAINING
- GOOD ABRASION RESISTANCE
- UV AND FROST RESISTANT
- EXISTS IN GLOSSY / SATIN FINISH

NOTE

Before any application of AntiGraffitiGuard® Premium, **always apply Primer Guard® or Primer Guard® Color**, especially developed for promoting adhesion of two-components products on concrete.

Ideal for the protection of :

- All types of concretes: standard, reinforced, fibre, high-performance (UHPC, GRC)

Application :

- Facades
- Indoors
- Outdoors

BEADING EFFECT
WATER + OIL



ANTI-GRAFFITI



80%
BIODEGRADABLE





PRIMER GUARD®

Product code 9040

Adhesion primer for application of two-component products on concrete.

Primer Guard® is a clear adherence primer.

Primer Guard® is designed to be used as a primer before application of any two-component products from the Guard Industry range: Protect-Guard Color® AntiGraffiti or AntiGraffiti Guard® Premium.

Primer Guard® facilitates adherence due to its capacity to adhere strongly to the material. It therefore guarantees perfect adherence and performance of two-component products.

Primer Guard® is a non-film forming impregnation product, the material remains permeable to air and water vapour.

ADVANTAGES

- GUARANTEES PERFECT ADHERENCE OF TWO-COMPONENT PRODUCTS
- LETS THE MATERIAL BREATHE
- COLOURLESS



Primer Guard® is also available in a **coloured version**. It can be used to either homogenize the concrete colour, correct defects or enhance final colour of the concrete stain.

Ideal for the protection of :

- All types of concretes: standard, reinforced, fibre, high-performance (UHPC, GRC)

Application :

- Facades
- Indoors
- Outdoors

Application of Primer Guard® is essential to ensure the perfect final appearance and performance of the coating.

80%
BIODEGRADABLE





DTOXGUARD® INT

Product code 2720

Pollution destruction treatment powered by photocatalysis. Purifies interior air.

DtoxGuard® Int is a decontaminating stain to purify interior air.

DtoxGuard® Int is a colourless two-components impregnation product designed for vertical internal materials and ceilings.

DtoxGuard® Int contains titanium dioxide (TiO_2) which acts as a catalyst. Under the action of artificial and natural lighting, TiO_2 is activated. TiO_2 breaks down the main pollutants present in indoor air: VOCs, NO_x , formaldehyde and BTEX.

DtoxGuard® Int is a non-film forming impregnation product, the material remains permeable to air and water vapour. Colourless, it does not change the nature of the material treated. It is also fully resistant to UV rays and does not yellow over time.

Ideal for the protection of :

- All types of concretes: standard, reinforced, fibre, high-performance (UHPC, GRC)

Application :

- Walls
- Indoors

90%
BIODEGRADABLE



ADVANTAGES

- PURIFIES INTERIOR AIR BY BREAKING DOWN POLLUTION
- PHOTOCATALYTIC TECHNOLOGY
- EFFICIENT AGAINST VOC, FORMALDEHYDE, BTEX, NO_x
- LETS THE MATERIAL BREATHE



DTOXGUARD® EXT

Product code 2700

Pollution destruction treatment powered by photocatalysis. Purifies exterior air.

DtoxGuard® Ext is a decontaminating and self-cleaning stain to purify exterior air.

DtoxGuard® Ext purifies the air by breaking down pollution (nitrogen oxides – NOx) by photocatalysis.

DtoxGuard® Ext also breakdowns organic soiling that can be deposited on treated surfaces. These remain clean by natural rinsing by rainwater.

DtoxGuard® Ext is a non-film forming impregnation product, the material remains permeable to air and water vapour.

Colourless after application, it does not change the appearance or the nature of the treated material. It is also fully resistant to UV rays and does not yellow over time.

ADVANTAGES

- PURIFIES EXTERIOR AIR BY BREAKING DOWN ORGANIC SOILING AND POLLUTION
- PHOTOCATALYTIC TECHNOLOGY
- SELF-CLEANING
- EFFECTIVE AGAINST NITROGEN OXIDES-NOX
- LETS THE MATERIAL BREATHE

Ideal for the protection of :

- All types of concretes: standard, reinforced, fibre, high-performance (UHPC, GRC)

Application :

- Facades
- Outdoors

90%
BIODEGRADABLE





Product code 9850

Coloured stain : embellishes and protects concrete against water and stains.

ProtectGuard® Color is a two-in-one product designed to colour and protect concrete.

ProtectGuard® Color is a semi transparent impregnation product, which colours whilst at the same time retaining the mineral look of the concrete.

ProtectGuard® Color allows to personalise both the colour and the finish of the colour. The extremely wide range of choices makes it possible to obtain a unique and infinitely customisable finish.

ProtectGuard® Color protects concrete against water and limits deterioration resulting from humidity (efflorescence, moss, rust...).

ProtectGuard® Color also protects against greasy stains and pollution. The cleanliness of treated substrates is thus assured.

ADVANTAGES

- WATER REPELLENT & ANTI-STAINING
- COLOURED IMPREGNATION STAIN
- OPACITY FROM 10% TO 100%
- HIGH UV RESISTANCE
- EXISTS IN FLAT / GLOSSY

Ideal for the protection of :

- All types of concretes: standard, reinforced, fibre, high-performance (UHPC, GRC)

Application :

- Facades
- Indoors
- Outdoors



Available in :

- 42 standard shades
- 32 «high jewellery» shades
- Custom-made shades possible

BEADING EFFECT
WATER + OIL



GUARANTEED
EFFICIENCY

10
YEARS

80%
BIODEGRADABLE



TESTED & CERTIFIED
as per ASTM E84 with Class
A result



Refer to www.tbwcert.com for validity and full documentation



PROTECT GUARD®

C O L O R

ANTIGRAFFITI

Product code 9107

Coloured stain : embellishes and protects concrete against water, stains & graffiti.

ProtectGuard® Color AntiGraffiti is a two-in-one product designed to colour and protect concrete.

ProtectGuard® Color AntiGraffiti is a semi transparent product, which colours whilst at the same time retaining the mineral look of the concrete.

ProtectGuard® Color AntiGraffiti allows to personalise both the colour and the finish of the colour. The extremely wide range of choices makes it possible to obtain a unique and infinitely customisable finish.

ProtectGuard® Color AntiGraffiti protects concrete against water and limits deterioration resulting from humidity (efflorescence, moss, rust...). It also protects against greasy stains, pollution and offers **antigraffiti** protection that resists about 15 cleanings.

ADVANTAGES

- WATER REPELLENT & ANTI-STAINING
- ANTI-GRAFFITI PROTECTION
- COLOURED IMPREGNATION STAIN
- OPACITY FROM 10% TO 100%
- HIGH UV RESISTANCE
- EXISTS IN SATINATE / GLOSSY

NOTE

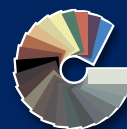
Before any application of ProtectGuard® Color AntiGraffiti, **always** apply **Primer Guard®** or **Primer Guard® Color**, especially developed for promoting adhesion of two-components products on concrete.

Ideal for the protection of :

- All types of concretes: standard, reinforced, fibre, high-performance (UHPC, GRC)

Application :

- Facades
- Indoors
- Outdoors



Available in :

- 42 standard shades
- 32 «high jewellery» shades
- Custom-made shades possible

BEADING EFFECT
WATER + OIL



ANTI-GRAFFITI



GUARANTEED
EFFICIENCY

5
YEARS

80%
BIODEGRADABLE





Product code 9854

Heat Control technology coloured stain : reduces concrete's heat absorption.

Heat Control is a brand new technology formulated with cool black pigments, which reflect energy and reduce concrete's heat absorption.

In exposed areas, dark shades applied on coatings absorb energy. Concrete quickly warms up and becomes brittle. Standard DTU59.1 forbids the use of colours with an absorption rate > 0.7 that is to say a Total Solar Reflectance (TSR) $< 30\%$.

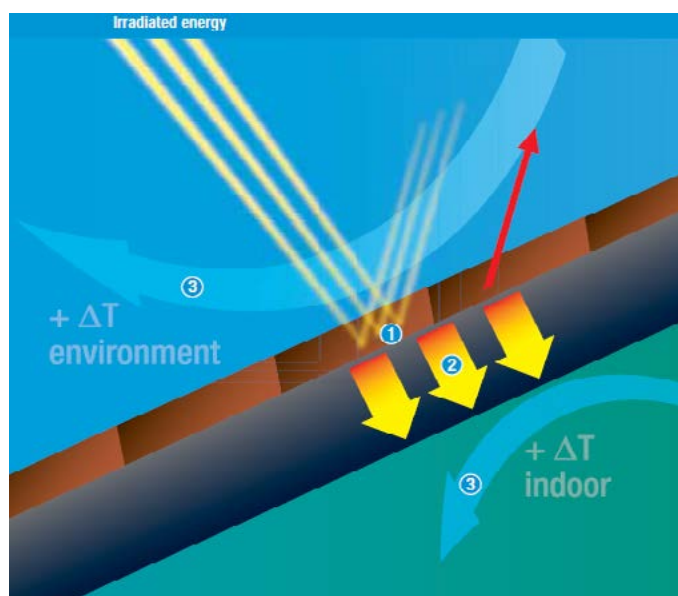
To solve this issue, Guard Industry has developed colours with of a black «cool» pigment. The use of this pigment reduces the absorption rate and increases the Total Solar Reflectance (TSR).

As a result, dark colours heat less and last longer. They also become conform with Technical spec of the construction industry (DTU 59.1)

HEAT CONTROL TECHNOLOGY SUITABLE FOR:



COOL PIGMENTS ACTION



A classic dark surface absorbs sunlight and :

- Reflects few visible rays \gg dark
- Reflects few IR rays \gg heats (it keeps them)

A dark surface with cool pigments absorbs sunlight and :

- Reflects few visible rays \gg dark
- Reflects a lot of IR rays \gg does not heat (it reflects them)



Product code 9730

Silicate mineral stain for aesthetics and protection of concrete.

ImperGuard® Color Silicate Stain is a silicate mineral impregnation with low opacity designed to colour and protect concrete.

ImperGuard® Color Silicate Stain is a system of two products (coloured base + silicate thinner) designed to colour concrete with a low opacity finish. ImperGuard® Color Silicate Stain associated with ImperGuard® Color Silicate Thinner can be diluted depending on the desired level of transparency.

ImperGuard® Color Silicate Stain is a non film-forming product which perfectly respects the mineral aspect of the concrete.

ImperGuard® Color Silicate Stain provides lasting protection against the penetration of water and thus limits the harmful effects of humidity. It also has anti-dust properties. It hardens the surface of concrete to make it less fragile and less dusty.

The system ImperGuard® Color Silicate Stain complies with the AFNOR NFT 36-005 standard: Family I class I b.

ADVANTAGES

- WATER REPELLENT
- COLOURED IMPREGNATION STAIN
- EXCELLENT ADHESION
- 25 YEAR COLOUR GUARANTEE
- HIGH UV RESISTANCE

Ideal for the protection of :

- All types of concretes: standard, reinforced, fibre, high-performance (UHPC, GRC)

Application :

- Facades
- Indoors
- Outdoors



Available in :

- 42 standard shades
- Custom-made opacities

BEADING EFFECT
WATER

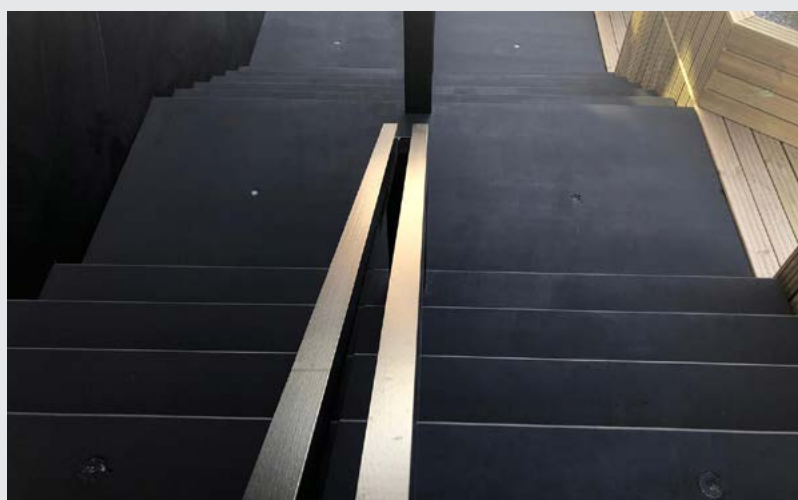


GUARANTEED
EFFICIENCY

25
YEARS

80%
BIODEGRADABLE





MINERAL PAINT GUARD®

SPECIAL FLOORS

Product code 9400

Coloured mineral paint, water and oil-repellent for concrete floors.

Mineral Paint Guard® Special Floors is a coloured renovator for concrete floors.

Unlike a paint, Mineral Paint Guard® Special Floors is a coloured product that respects the mineral nature of the concrete and remains permeable to air and water vapour (so no blistering or peeling).

Mineral Paint Guard® Special Floors comes in 42 standard colours. Customers' own colours can also be incorporated in the laboratory or on site on demand.

Mineral Paint Guard® Special Floors also gives long-lasting protection against the main forms of deterioration, such as staining, greasy marks, water infiltration etc. Penetration by water, oil and grime is thus greatly reduced and treated surfaces stay clean.

ADVANTAGES

- WATER REPELLENT & ANTI-STAINING
- STANDS UP TO MODERATE FOOT TRAFFIC
- EXCELLENT ADHESION
- ALLOWS SUBSTRATE TO BREATHE
- HIGH UV RESISTANCE

Ideal for the protection of :

- Concrete slabs
- Concrete screeds

Application :

- Floors
- Indoors
- Outdoors



Available in :

- 42 standard shades
- Custom-made shades possible

BEADING EFFECT
WATER + OIL



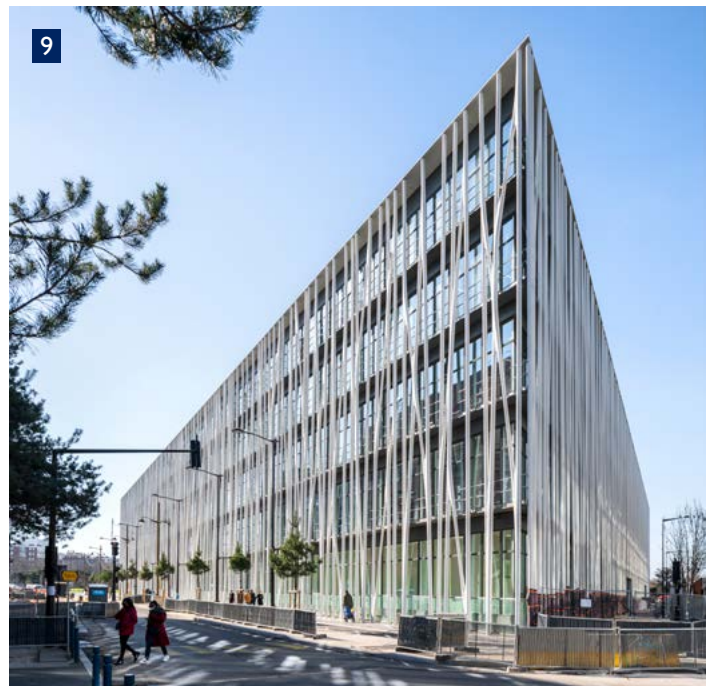
80%
BIODEGRADABLE





- 1 Paris Public Transportation Company (Thiais, France)
- 2 One Thousand Museum (Miami, USA)
- 3 Marseillaise tower (Marseille, France)

- 4 W Palm Hotel (Dubai, UAE)
- 5 Vente-privee head office (Saint-Denis, France)



7 Qatar National Museum (Doha, Qatar)
8 Luma Foundation (Arles, France)

9 Chanel Manufacture (Paris, France)
10 Cepovett head office (Gleize, France)



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