

# BUILDING CHEMICALS CATALOG

2018



[www.ITP-SYSTEM.pl](http://www.ITP-SYSTEM.pl)

**THANKS TO NOVEL TECHNOLOGIES**  
**WE CREATE FUTURE TODAY**  
**INSPIRED BY YOUR NEEDS**



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**8 REMOVERS**

## **MINERAL SURFACES**

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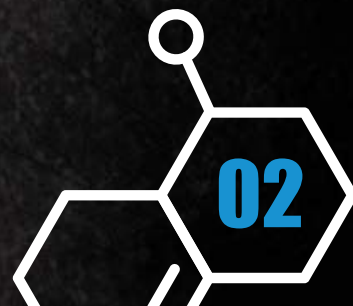
## **OTHER SURFACES**

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**ANTIGRAFFITI**

**PROTECTION**



# ANTIGRAFFITI PROTECTION

## AESTHETIC APPEARANCE EVERY DAY

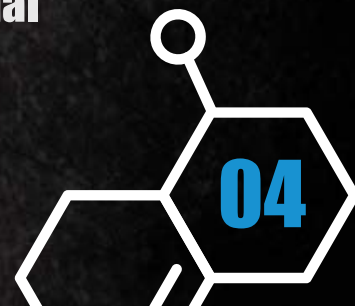
Wide access to cheap aerosol can paints causes the widespread problem of vandalism around the world. Graffiti created in a few seconds remains untouched for years. Aerosol paints deeply penetrate the surface and bind strongly to it, as well as permanent marker paints. These types of paint are completely resistant to detergents. It causes that the problem of paints becomes extremely onerous. Most paint removers contain volatile organic solvents (VOCs) that are toxic to humans and the environment. The ITP-System's laboratory has developed solutions to this problem:



**ANTIGRAFFITI COATINGS** - anti-graffiti coatings produce thin layers repelling paint and lackquer from oil markers on protected surfaces. Thanks to this, during the painting, the paint starts beading and runs down, which effectively hampers the work of vandals. In addition, coating reduces the adhesion of the paint, which significantly facilitates the cleaning process. The coatings also protects the surface from removers, reduces dirt adhesion and gives a hydrophobic effect.



**REMOVERS** - commonly used to graffiti removers are strong solvents, which in addition to odor and flammability are characterized by the ability of damaging the plastics and rubber. The ITP-System cleaners are completely ecological, non-flammable and free of conventional solvent-based removers.



# ANTIGRAFFITI PROTECTION

**AESTHETIC APPEARANCE EVERY DAY**

**ANTIGRAFFITI PRO** - a modern anti-graffiti coating for mineral surfaces for professional applications. It is a one-component, permanent coating that is durable and resistant for cleaning process. Graffiti removing process utilise only cold water from a pressure cleaner without using any detergent. The coating obtains activity under the influence of moisture coming from the air.

## COATING ADVANTAGES:

**Limiting the adhesion of paints, varnishes and glue  
(facilitates the removal of posters, graffiti and markers)**

**Compatible with most mineral surfaces**

**Resistance to UV radiation**

**Extraction of color from a protected surface**

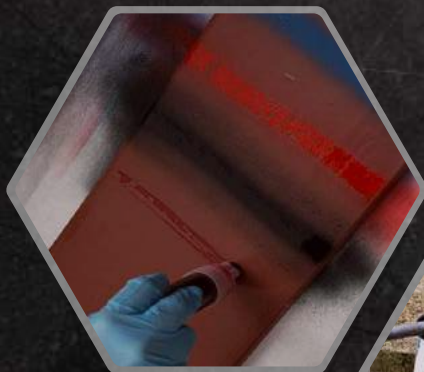
**Low VOC content (140g / L)**

**Heat resistance**

**Flexibility (stretching up to 130%)**

**High hydrophobicity and oleophobicity**

**Vapor permeability (breathable coating)**



# ANTIGRAFFITI PROTECTION

**AESTHETIC APPEARANCE EVERY DAY**

The product should be applied using a roller, brush or spray. The coating crosslinks under the influence of moisture within **4 hours**. The temperature of the surface where coating will be applied should be in the range of **5-35°**. The product consumption is **150-250 g/m<sup>2</sup>** depending on the absorbency of the substrate. If the coating is damaged, it can be renewed using the same product. If necessary, the coating can be mixed with pigments (obtaining a paint effect). The finished coating can be removed with strongly acidic cleaning products mixed with alcohol-based solvents.

surface	adhesion
brick	+++
concrete, plaster	+++
limestone	+++
sandstone	+++
granite, marble	+++
slate	-
wood	+
aluminum	+
steel	-
glass	-
epoxy resin	+
PE, PU, PS, PMMA	-

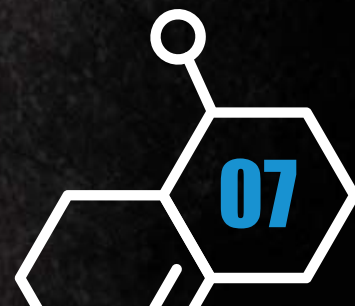


# ANTIGRAFFITI PROTECTION

**AESTHETIC APPEARANCE EVERY DAY**

**ANTIGRAFFITI COAT** - efficient coating for mineral surfaces protecting. It penetrates the structure of the substrate and permanently bonds with it. The coating repels paint, which effectively discourages vandals and significantly facilitates cleaning. Protected surfaces also gain chemical resistance to graffiti removers, detergents and acid rain. ANTIGRAFFITI COAT should be used without dilution. The best effect is obtained by using **2 layers** of the product. The consumption is up to **100 g / m<sup>2</sup>** (in the case of the first layer) and to **50 g / m<sup>2</sup>** (in the case of the second layer).

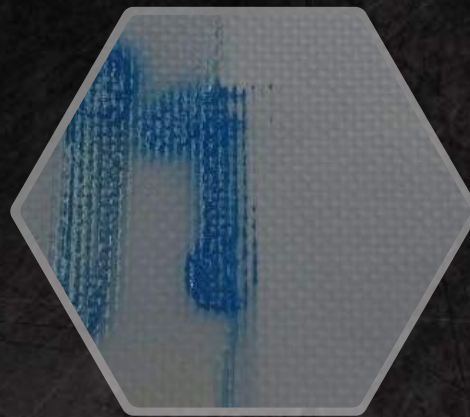
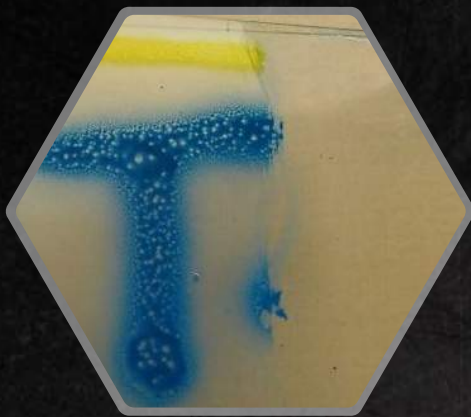
ANTIGRAFFITI COAT coating is vapor-permeable so the protected surfaces do not lose their permeability to gases and do not accumulate moisture in their structure.



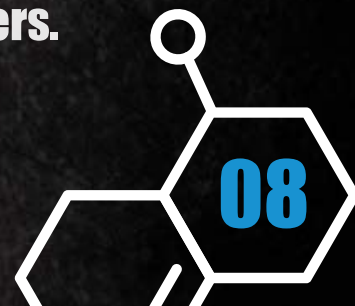
# ANTIGRAFFITI PROTECTION

**AESTHETIC APPEARANCE EVERY DAY**

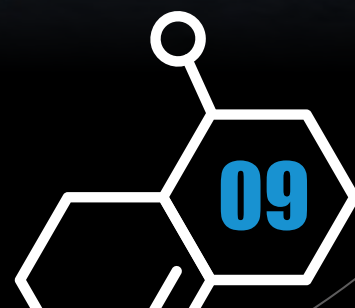
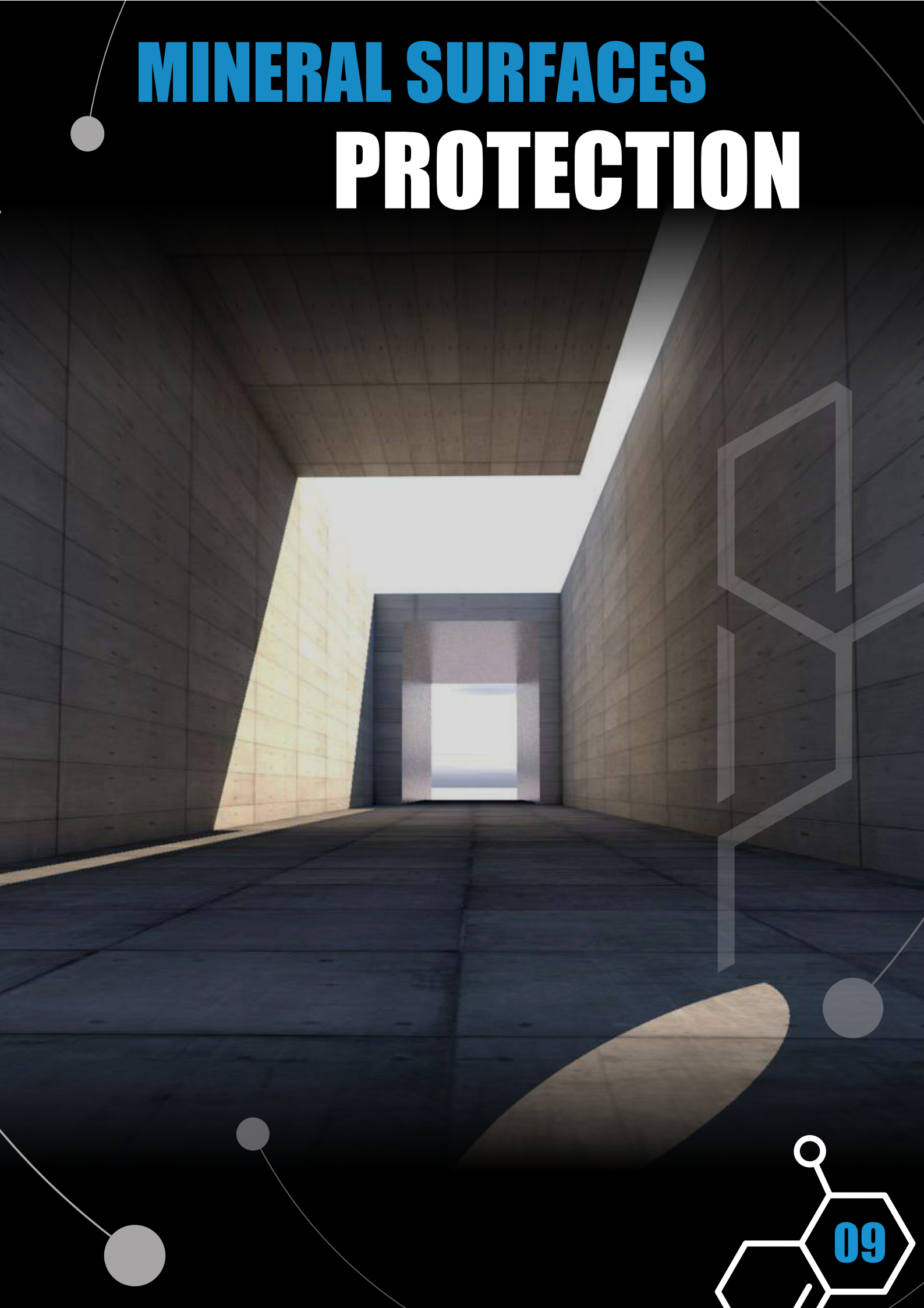
**GRAFFITI CLEANER** - a product based on ecological solvents that dissolve the paint and allow its removal from smooth and hard surfaces. GRAFFITI CLEANER is a liquid that perfectly penetrates the paint structure and causes swelling. The product is amphiphilic - it dissolves in both: organic solvents and water. Thanks to this, paint residues can be completely removed using water with a small amount of detergent. The product is non-flammable and completely safe for people and the environment. The product does not damage plastic, metal, rubber, plexiglass, furniture boards, ceramics, glass, gaskets and a number of other surfaces, making it ideal for removing paints from vehicles and closed spaces.



**PU REMOVER** - product for removing dirt from polyurethane foams. Seals of this type, widely used in construction, strongly adhere to smooth surfaces, as a result of which residues are extremely difficult to remove. The product penetrates into the polyurethane structure and softens it, causing swelling which facilitates their removal. The product also allows you to remove the most resistant paints and paints including permanent markers. The product is not flammable and is fully biodegradable.



# MINERAL SURFACES PROTECTION



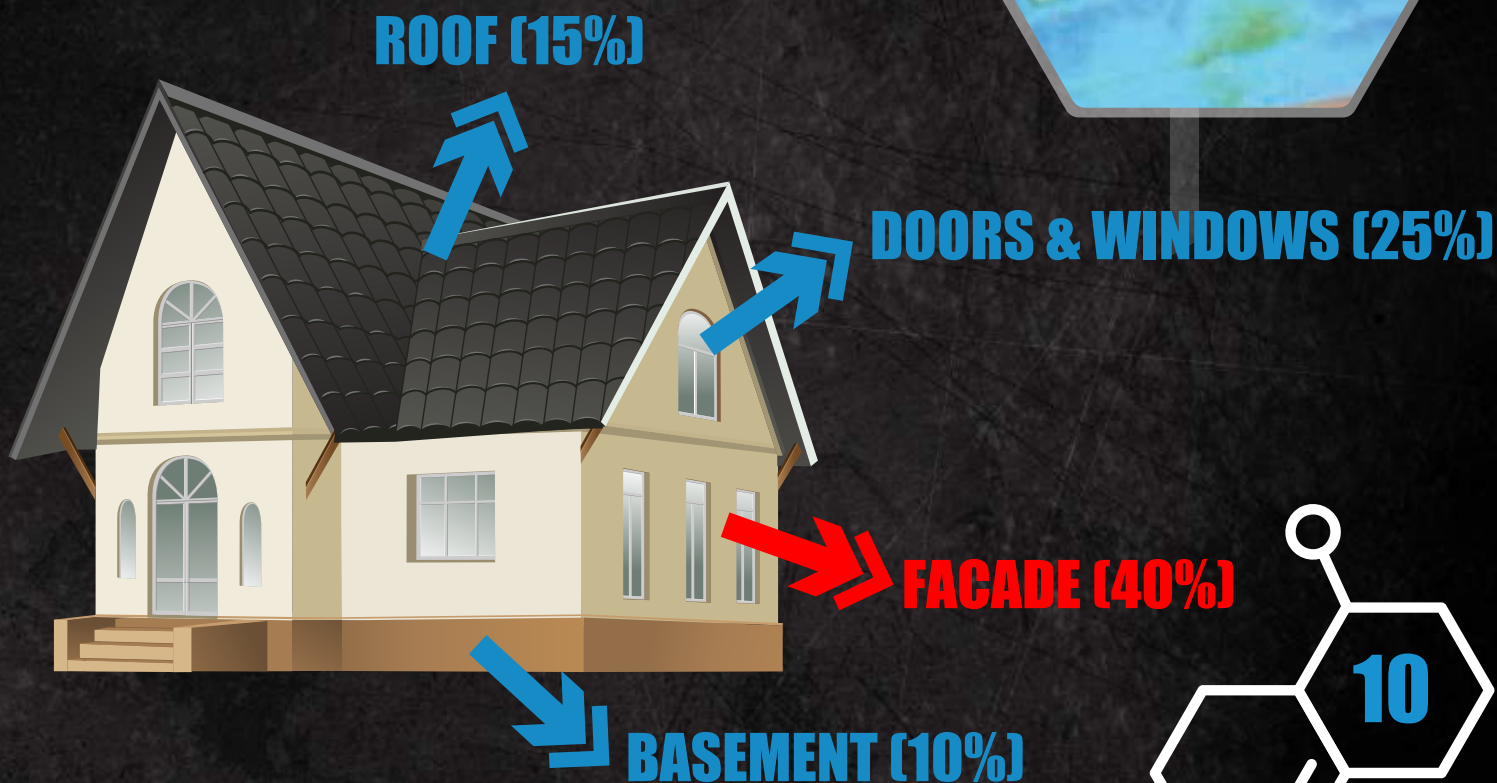
# MINERAL SURFACES

## EXCELLENT PROTECTION FOR YEARS

Hydrophobic coatings for mineral surfaces play a fundamental role in their long-term protection. The main enemies of mineral materials are water because causing swelling and cracking, as well as acid salts and oxides, which accelerate the corrosion of metal elements, including reinforcements. Hydrophobic coating **repels water**, prevents the substrate from getting wet, which significantly **reduces the growth of algae and molds**. It also reduces the formation of **mineral efflorescence** on the surface. **It limits the phenomenon of destroying wet surfaces in winter** as well as the phenomenon of corrosion. Wet facades of buildings are **losing thermal insulation properties**, which significantly increases energy expenditure on heating.

The humidity of **2%** increases thermal losses through the facade by **20%**, and the humidity of **4%** increases the losses by **50%**! Hydrophobic coatings significantly reduce these losses!

### LOSSES OF HEAT ENERGY



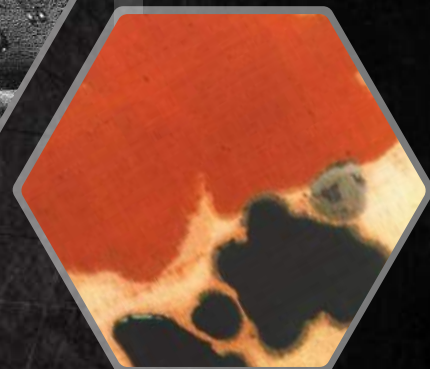
# MINERAL SURFACES

## EXCELLENT PROTECTION FOR YEARS

**ROCKSIL** coatings thanks to their affinity to mineral substances, allow to perfectly protect any type of mineral substrate. They create stable, chemical bonds that provide long-term performance.

coating	gases permeability	solvent	hydrophobicity	oleophobicity	dirt repellency	dimming	durability
ROCKSIL SOLID	+++	esters	++	+	++	++	+
ROCKSIL	+++	water	+++	-	+	-	+++
ROCKSIL ECO	+++	water	++	+	+	+	++
ROCKSIL CE	+++	water	+++	++	++	+++	++
ROCKSIL PRO	+++	water	+++	+++	+++	-	+++

**ROCKSIL SOLID** and **ROCKSIL PRO** are excellent formulations for protecting hard and smooth surfaces, such as natural and artificial granite and marble. **ROCKSIL PRO** strongly protects against harmful effects of acids and bases. **ROCKSIL** creates an excellent hydrophobic coating on the porous and absorbent mineral surfaces, such as brick, concrete, plaster, roof tiles or cobblestones. The coating keeps activity for up to 10 years. It is also characterized by a simple and fast application. For large-area applications, the economical version of this product is **ROCKSIL ECO**. For persons who appreciate the depth of color and strong water and dirt resistance on porous and absorbent surfaces, we recommend **ROCKSIL CE**.



# MINERAL SURFACES

## EXCELLENT PROTECTION FOR YEARS

Concrete floors gain more and more popularity due to their undeniable utility values, such as: resistance, hardness, low price, ease of application and attractive appearance. It makes concrete floors the latest architectural trend. To ensure excellent durability, protect against harmful effects of chemical agents and give a high gloss to finished floors, deep impregnation is recommended. The most popular products used for this purpose are silicate coatings. However, they have poor durability and protective properties. The ITP-System laboratory has developed a product based on polymer hybrids - **FLOORSIL PRO**.

The coating has excellent functional properties - it protects against a wide range of chemical substances and scratches. The product is free of volatile organic solvents (VOC <0.5%), has a high flash point and low viscosity, which facilitates the application of the coating and reduces the risks associated with its use.



Applying the **FLOORSIL PRO** should be done by rubbing or painting with a roller. Two layers are necessary. After application the first layer, the coating remains rough, with the second layer coating is smoothed out. The consumption of the product at the first application is 50-150 g / m<sup>2</sup> and 20-50 g / m<sup>2</sup> at the other.

# OTHER SURFACES PROTECTION



# OTHER SURFACES

## FUNCTIONALITY AND DURABILITY

The surfaces of many substances have hydrophilic properties, which means they are perfectly moistened with water. This facilitates the adhesion of moisture, which brings dirt and facilitates the growth of molds, bacteria and algae. Functionalization of products with hydrophobic properties allows to obtain surfaces that are easy to keep clean and have excellent sanitary properties.



**WOODSIL PRO** - a water-based formulation for long-term hydrophobic protection of raw wood. Wood, being a material of organic origin, is exposed to the destructive influence of fungi, mold and bacteria that live in a humid environment. The application of **WOODSIL PRO** coating radically reduces the absorption of water through the protected wood and causing water beading. After application of the product (by spray, brush or roller) it penetrates into the wood structure. The process lasts from 2 to 3 weeks, after which the coating obtains full activity. The coating lasts up to 20 years!

**ONYX** - a hydrophobic coating for glazed glass and ceramics. The surface protected with **ONYX** coating is much easier to clean, and protected surfaces does not lose the transparency during rainfalls. These properties definitely reduce the time needed to maintain clean windows, shower cabin and ceramic tiles, which saves time and reduces the use of chemicals.



# OTHER SURFACES

## FUNCTIONALITY AND DURABILITY

**OBSIDIAN MP** - an efficient product for the protection of metal surfaces. The advanced composition of the product causes its ceramization after applying to the surface. As a result, the coating layer forms a hybrid layer containing quartz particles. This type of coating is resistant to chemicals (acid rains, bird droppings, soot, road salt), reduces the adhesion of dirt and gains additional hardness, which protects against scratches and corrosion. The coating limits the adhesion of paints and varnishes, which facilitates the removal of graffiti and other paints.



**TITAN** - polymer coating for metal surfaces, giving hydrophobic and self-cleaning properties. The protected surface gains a shine and perfectly repels water along with dirt.

**VELVET ULTRA** - an excellent coating for protecting any kind of fabric. The active ingredients deeply penetrate into the fiber structure and bind to them, and creating a layer that strongly repels water and oil. Thanks to this, the protected surface becomes extremely resistant to dirt and wetting. The product is applied by rinsing, drying and thermal activation, which is carried out at a temperature of 120-150 ° C for 10-15 minutes. The coating can withstand up to 40 washing or cleaning cycles.



# **SURFACES** **CLEANING**



# SURFACES CLEANING

## STRONG AND FAST EFFECT

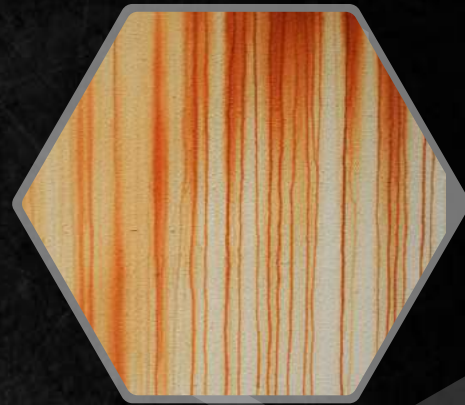
Surfaces occurring in a various constructions are exposed to strong soiling, and due to the nature of the surface, cleaning is in many cases very difficult or impossible. Thanks to modern ingredients we have managed to create strong and efficient cleaning products, and at the same time harmless to the cleaned surface.

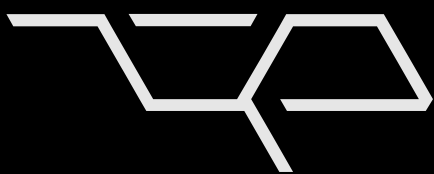
**DERUSTER** - advanced product for removing rust from mineral surfaces and directly from tools, equipment and vehicles. It perfectly complexes and removes rust, even from deep pores of concrete or paving stones. The neutral pH of the product does not cause further corrosion or erosion of mineral surfaces.



**RAPID NF** - low-foaming agent for machine floors cleaning. The highly concentrated composition guarantees excellent cleaning properties and efficient emulsification of stubborn dirt. The product is suitable for use even on extremely dirty floors.

**ALU CLEANER** - an excellent cleaner for aluminum surfaces. The advanced composition allows you to quickly remove dirt from aluminum alloys. Novel ingredients of products have ability to whiten aluminum and allows to remove the oxidation layer and restores the perfect appearance to moldings and other elements made of aluminum.





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