

Facade

Painted facades - Untreated facades - Plastered facades

Product Characteristics

- › anti-graffiti properties - graffiti can be removed easily
- › anti-algae / anti-moss - protection against microorganisms
- › hydrophobic/oleophobic easy to clean properties
- › resistant against most chemicals from properties -
- › open for diffusion
- › adjustable degree of shine from matt to high gloss
- › adjustable colour upon clients request

Blue Fusion's Permanent Coating System for facades protects and helps to maintain all types of facade surfaces thanks to outstanding easy-to-clean properties and permanent covalent bonding with the substrate.

The surfaces are protected efficiently and permanently against negative organic and anorganic contamination such as algae, moss and even graffiti. All kinds of dirt are kept from attaching to the surface effectively, Graffiti can be removed with biologically degradable solvents - after the removal of graffiti the coating is still effective, most contamination can be removed easily and without special equipment by using a pressure washer and clean water only.

This 2-component product can be customized according to the customers specific needs, this includes the individual degree of shine, the colour and various other options, such as for example a UV-blocker.

[Facade](#)

Mineral Surfaces

Sandstone - Marble - Terracotta etc.

Product Characteristics

- › hydrophobic/oleophobic (easy to clean) properties for effective maintenance
- › anti-stick / anti-graffiti properties for pristine appearance
- › open for diffusion
- › anti-algae / anti-moss properties against biological contamination
- › resistant against most chemicals from pH 2-14
- › adjustable degree of shine according to individual requests
- › adjustable colour on clients demand

Blue Fusion's Permanent Coating System for mineral surfaces is designed to protect all types of mineral substrates, including sandstone, marble and terracotta. The surfaces are protected efficiently and permanently against harsh negative ambient influences such as algae, moss and graffiti but at the same time remain open for diffusion. The coating prevents organic and anorganic contamination from attaching to the surfaces thanks to outstanding hydrophobic/oleophobic as well as anti-stick properties.

Graffiti can be removed with biologically degradable solvents - after the removal of graffiti the coating is still effective and there is no need to reapply the coating. Most organic contamination can be removed with plain water by using a brush or a pressure washer. The product can be customised to specific individual needs, this includes the degree of shine, the colour and various other options such as an UV-filter.

Mineral Surfaces

Wood

Soft and hard wood compounds

Product Characteristics

- › hydrophobic/oleophobic (easy to clean surfaces)
- › anti-stick properties prevent adhering of moss etc.
- › resistant against most chemicals from pH 2-14
- › UV-filter optional
- › thin layers of product remain open for diffusion
- › adjustable degree of shine from matte to high gloss
- › adjustable colours - customised on demand

Blue Fusion's Permanent Coating System for wood is designed to protect all types of wooden surfaces periodically against organic and anorganic contamination.

The surfaces are protected efficiently and permanently against negative ambient influences such as fading colour, algae, moss and graffiti. Graffiti and other contamination can be removed easily with biologically degradable solvents - after the removal of graffiti the coating is still effective, there is no need to repaint the surface or reapply the coating.

The product can be customised for specific needs, this includes the degree of shine, the colour and an UV-blocker can be implemented on demand. The wooden surfaces also remain open for diffusion if the lacquer is applied very thinly. This product can be applied by spraying, rolling or with a brush, it is of course possible to implement it into an existing manufacturing process.

Wood

Metal

Stainless Steel - Precious Metals - Copper/Brass etc.

Product Characteristics

- › protection against corrosion
- › resistant against most chemicals from pH 2-14
- › hydrophobic/oleophobic/anti-stick properties (easy to clean)
- › permanent covalent bonding to the surface
- › adjustable degree of shine according to individual specifications
- › adjustable colour on demand
- › anti-fingerprint properties optional

Blue Fusion's Permanent Coating System for Metal is designed to protect and maintain metal surfaces (including copper, brass and precious metals) periodically.

The surfaces are protected efficiently and permanently against damage from negative ambient influences such as corrosion, harsh chemicals or graffiti thanks to outstanding anti-stick and hydrophobic/oleophobic properties.

The coating prevents organic and anorganic contamination from attaching to the surface permanently, even graffiti can be removed with biologically degradable solvents after the removal the coating remains effective. Most kinds of contamination can be cleaned off with plain water. The product can be customized for specific needs, this includes the level of shine, the colour and an UV-blocker. Depending on the thickness of the layer fingerprints will also become much less visible.

Metal

Anti-fingerprint

Stainless Steel - Precious Metals - Copper/Brass etc.

Product Characteristics

- › anti-fingerprint properties
- › hardly visible changes in the appearance of the surface
- › hydrophobic/oleophobic/anti-stick properties (easy to clean)
- › permanent covalent bonding to the surface
- › easy application by hand / industrial application is possible

Blue Fusion's Anti-Fingerprint coating is suitable for various kinds of steel, such as stainless steel, precious metals, copper and brass. The surface is protected by a very thin film against fingerprints environmental influences, the actual surface appearance and texture remains unchanged.

Anti-fingerprint characteristics guarantee a long lasting improvement of the look of any steel surface. This system also provides all characteristics that allow you to maintain the surface with less effort. Hydrophobic/Oleophobic properties prolonge cleaning intervals, the cleaning itself can be done efficiently by using only little amounts of (or none) cleaning chemicals. The layer bonds to the surface through covalent bonding and therefore remains effective permanently. The product can be applied conveniently by hand as well as industrially by using customised equipment.

Anti-fingerprint

Paint

Lacquered surfaces - Painted surfaces - Coated surfaces

Product Characteristics

- › hydrophobic/oleophobic (easy to clean) properties
- › anti-stick properties protect against limestone spots etc.
- › resistant against most chemicals from pH 2-14
- › anti-algae / anti-moss properties
- › adjustable degree of shine from matt to high gloss
- › adjustable colour on demand
- › UV-filter optional

Blue Fusion's Permanent Coating System for painted and lacquered surfaces is designed to protect sensitive surfaces on the outside and inside permanently.

Surfaces are protected efficiently against negative ambient influences such as fading, the adhering of algae, moss and graffiti. The layers are extremely resistant against most chemicals from pH 2-15 as well as mechanical use. The product can be applied to the surfaces by spraying, rolling or wiping.

The system is suitable for industrial use, it can be implemented with little changes to existing equipment. The coating prevents organic and anorganic contamination from attaching to the surface permanently, Graffiti can be removed with biologically degradable solvents - after the removal of graffiti or other contamination the coating remains effective. The product can be customised according to specific needs, this includes changes in the level of shine, the colour or an optional UV-filter.

Paint

Plastic

PMMA - PVC

Product Characteristics

- › hydrophobic/oleophobic (easy to clean) properties
- › resistant against most chemicals from pH 2-14
- › anti-stick properties
- › adjustable degree of shine from matt to high gloss
- › adjustable colour according to your individual needs
- › UV-filter optional

Plastic compounds

Blue Fusion's Permanent Coating System for plastic is the reliable, permanent choice if plastic surfaces on the inside and outside need to be protected against any kind of contamination.

The surfaces are protected efficiently against negative ambient influences such as fading colour, chemical damage and graffiti and remain optically attractive permanently. The coating prevents organic and anorganic contamination from attaching to the surface permanently.

Graffiti can be removed with biologically degradable solvents, most other kinds of contamination can be removed with plain water - after the removal of graffiti or dirt the coating remains effective, no matter how often the surface is cleaned.

The product can be customised according to individual specifications, options include the adjustment of the shine level, the colour and an optional filter against UV rays.

Plastic

Glass

Automotive glass - Exterior glass surfaces - Interior glass surfaces

Product Characteristics

- hydrophobic/oleophobic (easy to clean) properties
- anti-stick properties that prevent limestone etc. from adhering
- resistant against most chemicals
- drastically increased safety if applied to the windscreen
- applicable by hand or industrially
- suppliable as concentrated versions

Blue Fusion's Glass Protection Systems protects glass surfaces such as windows, solar plants or car windshields permanently.

The systems form an ultra-thin (less than 100nm) protective layer that repels water-, oil- and dirt on mineral glass surfaces - cleaning them is thereby drastically facilitated, so prolonging cleaning intervals and saving valuable maintenance time and costs. The systems can be applied by hand or industrially.

When used on automotive glass surfaces rain, sleet and road spray simply bead up and roll off, or are forced off by the airflow if driving at speeds of more than 45mph.

The sealant thereby improves vision and increases safety when driving in poor weather conditions or at night, and reduces the need to use the windscreen wipers and screen wash. Dirt, insects and ice wipe off more easily.

Glass

Maritime

Yachts hull, decks, superstructure and metal elements

Product Characteristics

- › hydrophobic/oleophobic (easy to clean) properties
- › anti-stick effect that prevents micro-organisms from attaching
- › resistant against most (cleaning) chemicals from pH 2-14
- › permanent covalent bonding guarantees long lasting performance
- › adjustable colour specific to individual requests
- › adjustable degree of shine from matt to high gloss
- › UV-filter optional

Blue Fusion's Permanent Coating System for marine application is designed to permanently protect all kinds of different surfaces of a yacht. The yachts hull, deck, guard rails, pushpit/pullpit and deck hardware together with all other solid surfaces on the outside and on the inside can be protected efficiently and permanently against the harsh negative influences of marine environments.

The coating prevents salt, algae and other organic as well as anorganic contamination from attaching to the surfaces, thereby prolonging cleaning intervals and facilitating the cleaning process drastically, all thanks to the products outstanding anti-stick and hydrophobic/oleophobic properties.

The labour hours for cleaning and restoring the surfaces are reduced to a minimum, thereby maintenance downtime and hence costs are drastically reduced. The product can be customised on demand to the customers individual needs, this includes the products level of shine, its colour and various other options such as a UV-filter.

[Maritime](#)