



cleaning and protective solutions



Surface products™

SP TRANSIT GUARD®

PROTECTIVE COATINGS



PROTECTIVE SOLUTIONS BLUE & GREEN - CASE STUDY



Our protective coatings are specifically developed for the restoration, protection and preservation of the appearance and extend the life of critical surfaces. SP Transit Guard® offers a comprehensive platform for special forms protective coatings which provide remarkable flexibility, self-cleaning capability, and proven protection against graffiti, scratches and UV radiation and chemical reactions. Protective coatings SP Transit Guard® penetrate deep into the smallest pores of the new, the highly oxidized surfaces and provide significantly higher power density compared to traditional single component a two-part protective systems. Products are designed to protect the majority of non-absorbent surfaces in exterior and interior vehicles of passenger transport by road, rail, shipping and air transport. They can also be used for renovating and building protection on agricultural machinery and heavy engineering equipment.

Model calculation of savings in the maintenance of vehicles

Protective coatings SP Transit Guard® its functionality provide not only restore, protect and conserve the look but also create conditions for easier, more efficient and cost effective daily maintenance. Therefore, the use of SP Transit Guard® associated with the protection and saving resources spent on operation and maintenance of vehicles.

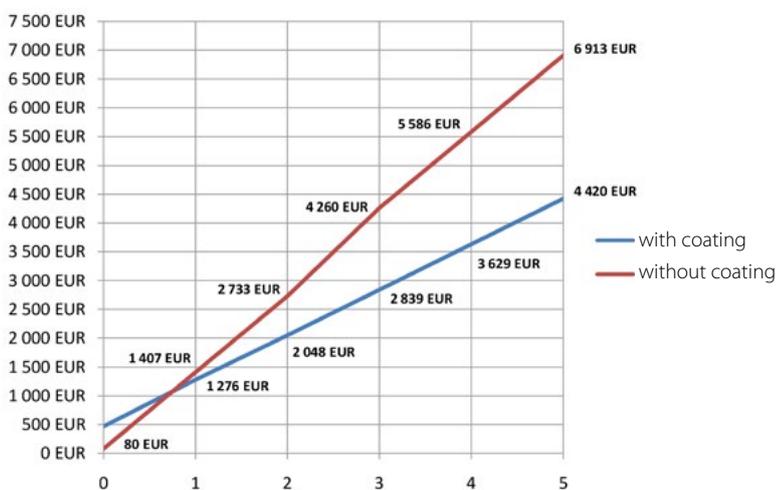
Model calculation of cost-saving with using SP Transit Guard® in public transport:

At an estimated cost for the standard bus transport, which are calculated with the input depth cleaning, everyday maintenance, exterior maintenance and irregular removal of dirt specialist (chewing gum, graffiti).

	Initial investment *	Routine maintenance **	Time spent on maintenance ***	Paint recovery ****	Removing of spec. dirts *****
with coating	467 EUR	1,4 EUR	18 min	X	7,5 EUR/m ²
without coating	80 EUR	2 EUR	30 min	200 EUR	19 EUR/m ²
saving	+583%	-30%	-40%	-100%	-60%

- * Deep cleaning and general preparation for operation
- ** Price of universal cleaning product consumed simple everyday surface cleaning
- *** Average time spent by simple surface cleaning in interior
- **** Average amount used for the reconstruction of exterior colors
- ***** Average price of cleaning special pollution (chewing gum, graffiti, etc.)

In the illustrated reference time span of five years, assuming a regular surface maintenance, with the expected range of external maintenance 3 years and specialized cleaning once a year, about the size of eight meters square (cost of labor, and the length of service performance and frequency of the provision of services are calculated according to average values the segment).



On the chart shows the return on investment in protection products Blue and Green, to which will be test case takes place already in the fourth quarter of the first year. In the long term it is therefore of use conservation means not only to optimize the impact of amortization of transport vehicles, but also to conserve resources used maintenance and management, and in this case, up to 37 percent.

SP TRANSIT GUARD® EXTERIOR COATING

(protective coating on exterior surfaces)

Unique, highly effective, sustained, high-tech protective coating. It provides protection against abrasion, scratches, graffiti and is highly resistant to weathering. The treated surface is easy to clean, which reduces the cost of next maintenance. It is used to protect the new surfaces and the refurbishments of weak and worn surfaces. Especially suitable are the exterior surfaces of trains, buses, road signs and the like. Product is stable under UV rays.

Directions

The surface must be clean and free of grease and oil before dressing. Ensure that the surface is dry during application, and that the temperature be at least 5 °C (ideally 20 °C). Otherwise, it will disturb the formation of the protective film.

Coating is touch dry after 45 minutes (20°C).

Drying up of the whole layer lasts 2 - 3 hours (20°C).

Full hardness (effect of graffiti protection) will take fully effect after 7 days.

Concentration

The product is used in a concentrated form.



Packaging

500 ml

Consumption

1l/120-150 m²

Density

1.02 g/cm³

pH

7.0

Layer thickness

5 µm

Solids

78%

Organic solvents

19.70%

Viscosity DIN

"53211-6"

14

Flash point

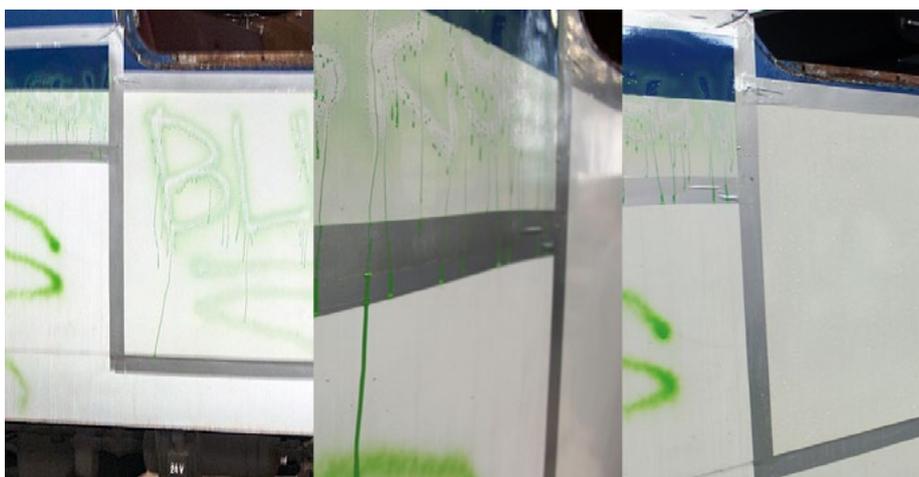
65°C

Boiling point

138°C

Lifespan

4 - 6 years





SP TRANSIT GUARD® GLASS COATING

(protective coating on glass surfaces)

Unique protective coating that provides care and protection especially for front and side windows of vehicles and other glass surfaces. It creates excellent resistance to insects, chemicals, weathering and is very easy to clean. Treated surface is characterized by the effect of *fluid wiper*.

Directions

The surface must be before application clean and free of grease and oil. To achieve the desired adhesion is necessary to clean the surface with an alkaline agent (Eg. Glass Cleaner Red) and microphase towel. Rinse with water. Ensure that the surface will be dry during application and its temperature will be at least 5 °C, because the product very sensitive to moisture. Immediately after cleaning of the surface apply with spray and easily spread with microphase towel.

Drying time of the surface layer 1 - 2 minutes (20°C).
Complete drying of the coating will take effect after 15 minutes (20°C).

Concentration

The product is used in a concentrated form.

Packaging

500 ml

Consumption

1l/100-150 m²

Density

0.8 g/cm³

pH

2.5

Layer thickness

2 μm

Solids

72%

Organic solvents

19.70%

Viscosity DIN

"53211-6"

10

Flash point

12°C

Boiling point

80°C

Lifespan

1/2 - 1 year



SP TRANSIT GUARD® INTERIOR COATING

(protective coating on the interior surfaces)

Unique, highly effective, sustained, high-tech protective coating. It provides high peel resistance, chemical damage, abrasion and scratches resistance and also the life extension of plastic surfaces. It reduce the rate and intensity of oxidation, prevents cracking and discoloration of surfaces. Treated surface is easy to clean, what reduce the cost of next daily cleanings. Usually it is used to protect the new surface or to recover of weak and worn surfaces. The product is stable under UV rays.

Directions

The surface must be before application clean and free of grease and oil. Ensure that the surface will be dry during application and its temperature will be at least 5 °C, otherwise it will disturb the formation of the protective film.

Coating is touch dry after 45 minutes (20°C).

Drying up of the whole layer lasts 2 - 3 hours (20°C).

Full hardness (effect of graffiti protection) will take fully effect after 7 days.

Concentration

The product is used in a concentrated form.



Packaging
500 ml

Consumption
1l/120-150 m²

Density
1.03 g/cm³

pH
7.0

Layer thickness
5 µm

Solids
79.5%

Organic solvents
18.30%

Viscosity DIN
"53211-6"
15

Flash point
63°C

Boiling point
140°C

Lifespan
4 - 6 years





SP TRANSIT GUARD® FLOOR COATING

HIGH / LOW GLOSS

(protective coating on the floors)

Unique, highly effective, sustained, high-tech protective coating. It is suitable for all types of the water resistant floors. This product is very durable against chemicals, scratches, abrasion and dirt, while holdback of the flexibility. Thanks to new technology used to develop the product, you can remove more ink colors and graffiti from the floor without damaging the protective coating. It renovates old floors. Retreatment of the floor is possible without removing of the previous layer. The product complies, inter alia, e.g. Directive of Deutsche Bahn AG for permanent protection against graffiti and that's why it is correct choice for floor protection in vehicles and buildings in public transport segment.

Packaging

500 ml

Consumption

1l/75-125 m²

Density

1.02 g/cm³

pH

7.0

Antiskid layer

class R11

Layer thickness

2 µm

Solids

79%

Organic solvents

19.70%

Viscosity DIN

"53211-6"

14

Flash point

64°C

Boiling point

140°C

Lifespan

1 - 3 years

Directions

Surface must be clean and free from grease, oil and dirt. For complete elimination of special floor wax, chewing gums, tar and adhesives, we recommend using SP Transit Guard® Floor Stripper. It removes old wax, stains and other contaminants with a grinding wheel or a stiff brush. The floor must be cleaned and rinsed thoroughly to ensure the pH neutrality. Apply the product directly on the floor in smaller quantities and evenly wipe with the applicator, so the thin film covers the entire required area. Ensure that the surface will be dry during application and its temperature will be at least 5 °C, otherwise it will disturb the formation of the protective film.

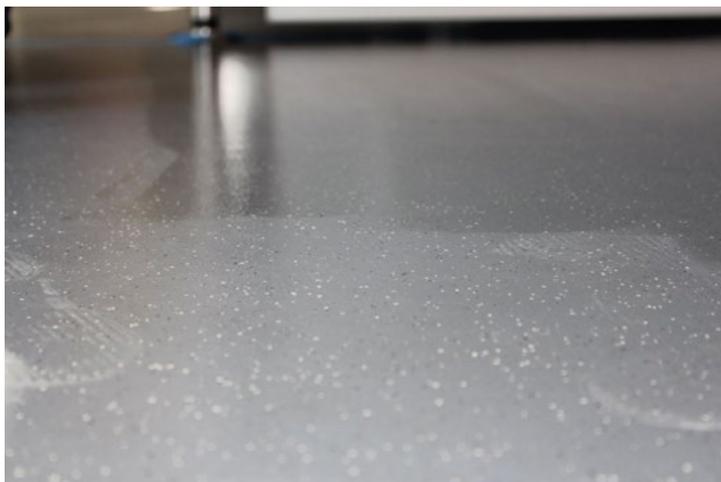
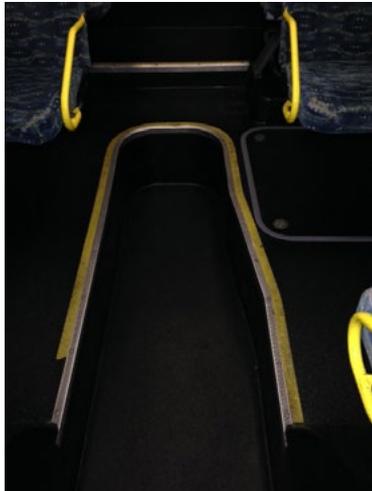
Coating is touch dry after 20 minutes (20°C).

Layer is ready for foot traffic 4 hours after application (20°C).

Full operation is possible after 8 hours (20°C).

Concentration

The product is used in a concentrated form.



SP TRANSIT GUARD® PRE-CLEANER

(cleaning agent)

Highly effective water-based cleaner. It is specially designed for pre-cleaning of floors, walls, ceilings and other washable surfaces, just before applying of protective coatings of SP Transit Guard® series. It can be used to clean the exterior and interior surfaces and floors in public transport and other floors in public places such as hospitals.

Directions

For floor cleaning, apply a concentrated SP Transit Guard® Pre-Cleaner with a mop or low-pressure sprayer. Let the product act 5-10 minutes and get rid of much friction surface impurities. Rinse with water. For other internal and external surfaces apply SP Transit Guard® Pre-Cleaner using microfibre cloth and wipe the surface to dryness. Rinsing is not necessary.

Concentration

The product is used in a concentrated form.



Packaging

10 l

pH

12.5

SP TRANSIT GUARD® FLOOR STRIPPER

(remover of varnishes and waxes)

Safely and effectively removes the resistant coating from floors, comprising different types of waxes, including polyurethane lacquers. Restore the original floor area before using SP Transit Guard® Floor Coating.

Directions

Gradually apply the product to small areas, to prevent drying out of the product. Let the product act for five minutes and then process with the grinding machine. Areas not achievable machine, process with your hand. To remove fluid with dirt use extractor (water vacuum cleaner). If necessary, the removal of multiple layers repeat the process until the floor is free from any residues. Rinse scrubbed surfaces 1-2 times with warm water. Again, vacuum and dry the floor.

Concentration

The product is used in a concentrated form.



Packaging

5 l

pH

9.9

PRODUCT APPLICATION

For perfect application of protective coatings we offer a wide range of professional high quality equipment - applicators and tools from leading manufacturers.

Information about the specific type and quantity of equipment needed for the application of protective coatings are based on existing offer included free consultations when setting the cleaning and protection solutions.





SP TRANSIT GUARD® **EXTERIOR • GLASS • INTERIOR • FLOOR COATINGS**

For the entire actual product and price offer, contact us. For the correct ordering of product is required to give the entire name of the product and it's packaging. For more information about each product and their application, technical and safety data sheets, certificates, permits are listed on the website of the company. Colours of the products in the catalog may not coincide with the real shades, due to the imaging methods and printing techniques. Changes are possible without notice,.

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