



NEXLER Pavement Guard

Impregnation for paving blocks and other concrete surfaces

TECHNICAL DATA

Composition	synthetic resins, organic solvents, additives
Drying time	2 h at temp. of 20°C
Number of layers	1 - 2
Density	0,88 - 0,92 g/cm ³
Capillary absorption and permeability to water	< 0,1 kg/m ² × h ^{0,5}
Adhesion strength by pull off test	≥ 0,8 (0,5) ^a N/mm ²
Conventional viscosity, cup Ø 4 mm	45 - 55 s
Abrasion resistance on a Böhme disc compared to non-impregnated blocks	an increase of no less than 5%
Roughness compared to non-impregnated blocks	a decrease of no more than 30%
Peel strength	≥ 1,0 MPa
Resistance to peeling off from a substrate after frost resistance testing	≥ 1,0 MPa
Flash point	> 28°C
Pedestrian traffic load	after 12 h
Vehicle traffic load	after 72 h
Consumption	0,17 - 0,20 l/m ²
Application temperature	from +5°C to +25°C
Available versions	semi-matte glossy
Reference document(s)	EN 1504-2:2004

^a The smallest acceptable values for single measurement are given in brackets

PROPERTIES

- Improves pavement durability by increasing abrasion resistance
- Improves surface appearance and enhances colour
- Increases resistance to weather conditions (rain, freezing)
- Makes it easier to keep surfaces clean, prevents the formation of permanent stains from oil and other contaminants



ENHANCES COLOUR



INCREASES ABRASION RESISTANCE



PROTECTS AGAINST SOILING

APPLICATION

- Impregnation and protection of paving blocks and concrete surfaces for vehicular and pedestrian traffic
- Protection of concrete facade cladding



ROLLER



PAINT BRUSH



SPRAY EQUIPMENT

PACKAGING

Poland

- Metal packaging: 5 l
- Number of packages per pallet: - 5 l - 105 pcs.

Export

- Metal packaging: 5 l
- Number of packages per pallet: - 5 l - 105 pcs.

METHOD OF USE

CONDITIONS OF USE

The temperature of the substrate and air during the works should be from +5°C to +25°C. Works should not be carried out during precipitation and strong sunlight.

When using the **Pavement Guard** impregnate indoors, ventilate the rooms during and after the work.

SUBSTRATE PREPARATION

The surface to be impregnated with **Pavement Guard** should be thoroughly cleaned, all stains and dirt removed. In the case of moss-covered pavements, it is necessary to remove the moss by applying a suitable herbicide. Allow the surface to dry after cleaning. Fill in the gaps (silt) between the paving blocks with dry, washed sand. Sweep excess sand from the surface. Filling in the gaps (siltation) is a prerequisite for maintaining the stability of the paving blocks and preventing them from moving.

Pavement Guard can only be used on a dry substrate. Do not apply the product to a wet substrate. Applying **Pavement Guard** to an uncleaned or improperly cleaned substrate that has remaining stains on it will make them more prominent.

PRODUCT CONTROL

Check the production date on the packaging before use and make sure that the product packaging is not damaged or compromised. Do not use the product beyond its shelf life. After mixing, the product should have a homogenous consistency with no phase separation.

PRODUCT PREPARATION

Pavement Guard is a ready-to-use product. If stored at low temperatures, the product should be placed in a warm room for a minimum of 24 hours before use. The product should be thoroughly mixed until a homogeneous consistency is obtained before use.

APPLICATION METHOD

Before applying **Pavement Guard**, properly secure all elements in the vicinity of the surface to be impregnated. Apply one coat of the impregnate to the properly prepared substrate and then move the excess material into the gaps between the pavement elements.

In the case of highly absorbent surfaces, it is permissible to apply the impregnate in two coats. Apply the following coat after a minimum of 2 hours after applying the first coat, but no later than after 24 hours.

CONTROL OF PERFORMANCE

Check the material consumption on a dedicated surface. Too small an amount of the product will not protect the impregnated surface effectively. After application, the pavement should have a consistent appearance, absorption should be uniform over the entire surface. If dry spots show on the surface (part of the surface absorbs the product very quickly), apply a second coat.

TOOLS AND TOOL CLEANING

Smooth roller, paint brush, spray equipment.

For spray application, use for example the following parameters: pressure 120 bar, nozzle diameter 0.011".

Clean tools with petroleum solvents during work and after its completion. Once cured, the product can only be removed mechanically. Clean the spray equipment immediately after work, according to the equipment manufacturer's recommendations.

STORAGE AND TRANSPORT

The shelf life of the product is 12 months from production date indicated on the packaging. Store in dry, cool and well-ventilated rooms in tightly sealed, original packaging. Keep away from open flame. Do not allow long exposure to high temperatures or sunlight during storage and transport.

NOTES

Works should be carried out in accordance with technical conditions, manufacturer's instructions, health and safety standards and regulations.

For information on how to deal with symptoms of disease, allergies or irritation of the skin or eyes, please refer to the Safety Data Sheet (www.nexler.com).

After works are finished, hand over the remaining content of the product and the container to authorised companies.

GENERAL RECOMMENDATIONS

Technical data and information on the method of use are given for a temperature of 23°C ± 2°C and a relative air humidity of 55%. In other conditions, the setting (drying) time may change significantly.

The consumption of the product indicated in this sheet depends on the structure and absorbency of the substrate and the chosen application method.

The semi-matte version of the product may have a slight residue on the bottom of the container after opening. This does not constitute a defect in the product.

Do not use to impregnate clinker brick masonry. On limestone, sandstone or other natural rock cladding, and on concrete substrates with modifiers or pigments, it is recommended to carry out an appropriate trial.

SAFETY INFORMATION

Flammable liquid and vapour. Causes skin irritation. Causes serious eye irritation. May cause respiratory irritation. May cause drowsiness or dizziness. May cause damage to organs through prolonged or repeated exposure. Toxic to aquatic life with long lasting effects. If medical advice is needed, have product container or label at hand. Keep out of reach of children. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Avoid breathing mist/vapours/spray. Wash hands and exposed parts of the body thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection. Dispose of contents/container to according to the instructions of the manufacturer or person authorized to dispose of waste.

IMPORTANT INFORMATION

Please refer to the detailed conditions of use of the product before use.

We guarantee the quality of our materials as part of our terms of sale and delivery. For buildings with special requirements that are not covered by this manual, we provide our Customers with our own professional advisory service.

The manufacturer has no influence on the improper use of the material, its use for other purposes or under conditions other than those described above. The guarantee only covers the quality of the delivered product. The correct and therefore effective use of the product is not subject to our control.

Neither the manufacturer nor his authorized representative may be held liable for any loss incurred as a result of improper use or storage of the product.

Employees of the company are authorized to provide technical information only and solely in accordance with this technical data sheet. Information other than that contained in this sheet should be confirmed in writing.

If you have any doubts, consult the manufacturer.

Once we have issued a new technical data sheet, this manual is no longer valid.

CONTACT DETAILS

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