

NOVUSHIELD

Hydrophobic treatment for concrete paving and surfaces



Product description

NovuShield is a water-based hydrophobic treatment designed for absorbent, mineral-based surfaces, suitable for both indoor and outdoor use. It penetrates the surface, reduces water and dirt absorption and provides a long-lasting water-beading effect. The product is transparent and preserves the natural character of the substrate. It also helps to minimise the growth of algae and moss.

Benefits / Properties

- Water-, dirt- and oilrepellent
- Reduces water absorption
- Minimises algae and moss growth
- Dries transparent, preserves the appearance of the substrate
- Deeply penetrating
- Water-based
- UV- and alkali-resistant
- Enhances frost resistance
- Nonfilm- forming
- Ready to use

Fields of application

NovuShield is suitable for the impregnation of absorbent, mineral surfaces such as concrete, concrete paving, natural stone paving, clinker, sand-lime brick and clay roof tiles in outdoor areas. All other uses are strongly discouraged!

The treated surfaces must be protected from frost and moisture during curing. After treatment, the surfaces must dry and must not be exposed to weathering for 24 hours.

Clean tools immediately after use with water.
Dispose of in accordance with local regulations.
Empty containers can be recycled.

Technical data

Form:	Liquid
Colour:	Colourless / dries transparent
Odour:	Weak, characteristic
Base:	Silane / siloxane base (water-based)
Density:	approx. 0,9 - 1,1 kg/litre
pH value:	approx. 7,4 - 7,6 (see safety data sheet)
Application temperature:	min. +5°C
Rain resistance:	after approx. 24 hours
Walkable:	after approx. 12 hours
Full drying / load capacity:	see application guide

Packaging units / containers

1 litre	(Art.No. 24243166-01)
5 litres	(Art.No. 24243269-01)
10 litres	(Art.No. 24243272-01)
25 litres	(Art.No. 24243276-01)



For detailed instructions on use, please refer to our separate application guide.

Consumption

Consumption is typically between approx. 80 - 120 ml/m², depending on the absorbency of the substrate and the application method. Project-specific tests prior to use are required to determine exact consumption rates.

Notes

Before application, cover surrounding components (e.g. made of plastic, glass, wood) as well as plants. Immediately rinse off impregnation splashes with clear water. Do not apply in direct sunlight, strong winds, or on hot surfaces.

Legal notice

These notes are based on our current knowledge and experience, provided that our products are stored and used properly. Due to different materials and conditions, we cannot guarantee the work result. Our liability exists only in the event of proven intent or gross negligence. The user is responsible for checking the suitability of the products for the intended purpose. The current product specification should always be considered. We reserve the right to make changes. Any third-party property rights must be observed. We guarantee the quality of our products in accordance with our terms of sale and delivery. A guarantee for the success of the application is not assumed. Our technical data sheets provide non-binding advice and require written consent for assurances that go beyond this.

Note:

Please pay attention to the latest product data sheet as the binding source of information.