

FN nano - FN[®]1

The functional coating FN[®]1 has been specially developed for the protection of concrete, for which it is also certified, on the surface of which the coating layer is attached. It is designed for predominantly exterior and interior application. It can also be applied to surfaces made of raw masonry, stone, ceramics, plaster and common building materials that do not repel water. It differs from FN[®]2 and FN[®]3 coatings by higher transparency. Its use is therefore suitable for surfaces such as exposed concrete, where there is an aim to acknowledge the structure of the substrate. Highest vapour permeability class (V1- High) and diffusion equivalent of approximately (S_d 0.06).

Appearance

The coating is semi-transparent with a whitish tinge. For facades the product can be coloured in pastel shades. Transparency of approx. 60-65%.

Applications

FN nano - FN[®]1 is intended for use primarily in the exterior, but it is also sought after in the interior, where it finds its advantage mainly where there is a risk of mould formation. Extremely suitable for insulated facades.

Consumption on average 1 l for 3 coats on 6 - 10 m² of painted surface, depending on the structure and absorbency of the surface.

EXTERIOR: Certified for the protection of concrete and also suitable for the treatment of walls, limestone, ceramics and common types of plaster. Furthermore, for all porous materials, that have been treated with acrylic or silicate paints, unglazed ceramics and painted sheet metal.

INTERIOR: For masonry and plasterboard substrates - especially in case of mould problems as the first base layer on which 2 more layers of FN[®]2 or FN[®]3 coating are applied, depending on the type of use. To ensure full functionality in interiors, it is necessary to ensure the access of ultraviolet radiation with a minimum intensity of 0.2 W/m² to the created FN NANO surface.

Do not apply on a water-repellent (hydrophobic) surface. THE PRODUCT CANNOT BE DILUTED OR MIXED WITH ANY OTHER SUBSTANCE! It serves as the last protective layer.



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Features and Benefits

- 99.9% protection against UV radiation
- There is no fading of colours and disintegration of the binder
- Long-term protection without additional maintenance
- Protects surfaces against sticky dirt
- Super strong self-cleaning effect
- High vapour permeability and breathability
- Protects against the deposition of fungi, algae and other microorganisms
- Prolongs the life of facades and significantly cools their surface

It maintains high efficiency for a long time with a 10-year guarantee on vertical surfaces.

Composition

It is a pure water-based composite coating that contains a non-surface-treated photo catalyst and mineral inorganic binders. The applied layer of FN[®]1 coating is inert and completely safe. It does not release any substances into the environment; on the contrary, it disposes of them.

Packaging and storage

It is usually supplied in 1 l or 5 l packages. Storage for a maximum of 3 years from the date of production at a temperature of 10-25 °C in unopened original packaging. It must be shaken thoroughly or mixed before application. **MUST NOT FREEZE!**



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