

FN NANO[®]2

The functional coating FN NANO[®]2 has been developed and optimized for the functions of air purification and protection against the deposition of microorganisms. It is designed for exterior and interior use. It can be applied to concrete surfaces of raw masonry, stone, ceramics, plaster and also to common building surfaces that do not repel water. It differs from FN[®]1 coating by significantly lower transparency and higher air cleaning efficiency. We therefore recommend its use especially in applications aimed at air purification or protection against microorganisms. The coating has the highest vapour permeability class (V1- High) and a diffusion equivalent of approximately (S_d 0.06).

Appearance

The coating is slightly transparent with a mildly whitish tinge and its surface is slightly chalky. Transparency of approx. 50%.

Applications

It is designed for outdoor and indoor use and is used as a highly effective low-cost technology for cleaning the air from a wide range of pollutants and unpleasant odours. It also serves to create effective and long-term functional nano-technological protection of surfaces against the deposition of atmospheric dirt and against fungi, algae and other microorganisms and against viruses and bacteria. Extremely suitable for insulated facades.

Consumption on average 1 l for 3 coats on 6-10 m² of painted surface depending on the structure 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, as well as for unglazed ceramics and painted sheet metal.

INTERIOR: For brick and plasterboard substrates - creation of self-cleaning nano air purifier. 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 - no binder disintegration
- Long-term protection without additional maintenance
- Super strong self-cleaning effect - protects surfaces against sticky dirt
- 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
- Highly efficient technology for air decontamination (outdoor air cleaning and reduction of the risk of transmission of diseases in interiors)

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 NANO®2 coating is inert and completely safe. It does not release any substances into the environment, on the contrary, it disposes of them. ECO technology - completely without the use of chemicals.

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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