

FN nano - FN[®]3

Achieves the highest photocatalytic efficiency of all FN[®] coatings. The protective and highly effective functional mineral coating has been developed for maximum efficiency of the indoor air purification function and as protection against the deposition of microorganisms. FN[®]3 is the most efficient low-cost and noiseless air purifier from a wide range of pollutants and odours. Therefore, it is also used as the most effective technology to reduce the risk of disease transmission. It is an effective alternative to conventional air purification technologies. It can be used on brick and plasterboard substrates, ceilings and other porous materials. The coating works on the principle of photo catalysis and is activated by the ultraviolet component of daylight or by illumination with a UV-A light source. The coating has the highest vapour permeability class (V1- High) and a diffusion equivalent of approximately (S_d 0.06).



Appearance

The coating is white with a relatively high opacity and its surface chalks. The coating cannot be coloured due to its high photo catalyst content. Transparency of approx. 5% - 10%

Applications

This product is for indoor use only. We recommend applying the coating to the ceiling and surfaces where there is no risk of damage by abrasion and where it ensures maximum effectiveness. When using FN[®] for indoor air cleaning, FN[®]3 coatings are usually applied to the ceiling of the room and a 1.5 m wide strip of vertical walls from the ceiling.

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

INTERIOR: For brick and plasterboard substrates - creation of ecological self-cleaning nano air purifiers. It can also be applied to surfaces made of concrete, raw masonry, stone, ceramics, plaster and common building surfaces that do not repel water. 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

- Cleans air from allergens, viruses, bacteria, toxic substances and odours
- Reduces the risk of transmitting infectious diseases, reduces the symptoms of allergies and asthma
- Highly effective against fungi and microorganisms
- Prevents the deposition of viruses and bacteria
- Effective prevention of mustiness and mould
- Significantly reduces the deposition of kitchen grease on furniture, windows and curtains, etc.
- Works as a quiet, maintenance-free, economical and highly efficient air purifier
- Ecological solution without chemicals - pure physical effect

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

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[®]3 coating is inert and completely safe. It does not release any substances into the environment; on the contrary, it removes harmful substances from it. ECO technology - completely without the use of chemicals. It does not contain any VOC substances.

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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