

# FN nano - FN<sup>®</sup>1 Transparent

It was developed on the basis of FN<sup>®</sup>1 coating in order to maximize the transparency of the coating layer so that the original appearance (colour and structure) of the substrate is preserved as much as possible. Specially developed for stone, unglazed ceramics, concrete and mineral substrates such as granite, sandstone, limestone, bricks and raw masonry surfaces. It makes it possible to perfectly preserve the appearance of raw exposed concrete, on the surface of which the paint is attached. Due to its high breathability and vapour permeability, the substrate does not freeze in winter. It is used for long-term and active protection of surfaces against dirt, attack of microorganisms and degradation by UV radiation, which works on the principle of photocatalysis. The coating has the highest vapour permeability class (V1-High) and a diffusion equivalent of approximately ( $S_d$  0.06).



## Appearance

The created layer is 80% transparent, initially with a slightly whitish tinge (it creates a slightly matte waxy film), which disappears over time. Its surface hardly chalks. It preserves the original appearance and structure of the substrate and protects its colour for a long time. It can be finely coloured, for example, to match the colour of bricks, sandstone, etc.

## Applications

It is designed for exterior and interior use. The coating effectively cleans the air from a wide range of pollutants and creates long-term protection of surfaces against the deposition of atmospheric dirt and against an attack by fungi, algae and other microorganisms.

Consumption on average 1 l for 3 coats on 6-10 m<sup>2</sup> of painted surface depending on the structure of the surface.

**EXTERIOR:** Certified for the protection of concrete and also suitable for treatment of stone and natural wall coverings, limestone, travertine, stone, ceramic tiles, bricks, concrete brick strips and other similar tiles, common types of plaster.

**INTERIOR:** For masonry and plasterboard substrates, artificial stone, real bricks and their imitations or wherever there is a need for less chalking. To ensure full functionality in interiors, it is necessary to ensure the access of ultraviolet radiation with a minimum intensity of 0.2 W/m<sup>2</sup> 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.



X HAUS stavby a.s.  
Dělnická 213/12, 170 00 Praha 7  
Czech republic  
info@xhaus.cz



Showroom  
Františkovská 132/14  
460 07 Liberec 7  
www.foxhaus.cz



E-shop  
www.amare.cz

# FN nano - FN<sup>®</sup>1 Transparent

## Features and Benefits

- Preserves the believable appearance of the substrate
- High vapour permeability and breathability - stone does not freeze or crack in winter
- Protects against the deposition of fungi, algae and other microorganisms
- Super strong self-cleaning effect - protects surfaces against sticky dirt
- 99.9% protection against UV radiation and binder disintegration
- Prolongs service life and significantly cools treated surfaces

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<sup>®</sup>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, then in smaller 0.25 l and 0.5 l packages. Storage for a maximum of 4 months 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!**



X HAUS stavby a.s.  
Dělnická 213/12, 170 00 Praha 7  
Czech republic  
info@xhaus.cz



Showroom  
Františkovská 132/14  
460 07 Liberec 7  
www.foxhaus.cz



E-shop  
www.amare.cz