

Guarantee for the protective functions of FN NANO[®] multifunctional coatings for interiors

Advanced Materials-JTJ s.r.o. (CIN: 26763842), is a manufacturer of multifunctional coatings FN NANO[®] with photocatalytic effect. These coatings are designed to create a highly effective photocatalytic surface in interiors (FN NANO[®] surface). Provided that the surface is exposed to the daylight or is activated by an artificial UV light with the minimum intensity of 0.2W/m², the photocatalytic effect effectively and for a long term:

- prevents microorganisms – algae and fungi from settling and growing on this surface (**antimicrobial function**),
- prevents darkening and soiling of the surface due to heavy contamination, e.g., by greasy droplets from cooking³ (**self-cleaning function**),
- ensures continuous cleaning of the air of organic and harmful substances in the interior. It functions as an ecological air purifier (**air purification from allergens and harmful substances**).

Guarantee:

- for application by a certified customer¹ under the conditions of compliance with FN NANO[®] application procedure and instructions²: interior – up to 15 years (see product guarantees stated in specific the technical data sheets or specific regulations, e.g., in hospitals);
- for application by a regular user, we provide a guarantee in accordance with the law.

The guarantee does not apply:

- 1) to areas that are not exposed to sufficient daylight or artificial activation light with a minimum intensity of 0.2W/m².
- 2) to subsequent failure or significant reduction in the functionality of the coating created by FN NANO[®] for reasons:
 - mechanical removal of the surface layer (for example by sanding, grinding or other means),
 - covering the surface layer with another material (for example, another paint, posters, stickers, tarpaulins) that prevents the access of ultraviolet light or due to high dustiness of the environment,
 - insufficient access of daylight or artificial UV light related to the level of environment contamination
 - application of FN NANO[®] coating on:
 - immature concrete and other substrates of stucco, masonry, and paint that have not been sufficiently matured or wherever the manufacturer's procedures and principles for their application have not been followed
 - on surfaces where it is not possible to create a continuous coating layer of FN NANO[®] (with a typical thickness of 20 μm).

In Prague, 01. 10. 2021

Jan Procházka
CEO

¹ A certified customer is a person who has completed FN NANO[®] coating training and can prove himself with a valid certificate.

² Application procedure is understood as the combination of sealant FN[®] Primer, FN[®] Paint and FN NANO[®] photocatalytic coating (suspension).

³ In order to prevent the deposition of dirt from cigarette smoke, it is necessary to ensure sufficient access of the daylight or continues artificial UV light at a minimum intensity of 1.3W/m².