

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

Advanced Materials-JTJ s.r.o. (ID: 26763842), is a manufacturer of multifunctional coatings FN NANO[®] with photocatalytic effect. These coatings are designed to create a highly effective photocatalytic surface of buildings (FN NANO[®] surface). This surface is able, provided that daylight falls on it and is exposed to the weather (rain and wind), effectively and for a long term:

- to prevent microorganisms - algae and fungi from settling and growing on this surface (**antimicrobial function**)
- to prevent darkening and blackening of the surface due to the action of soot and microscopic dust particles (**self-cleaning function**),
- to protect the surface from the degrading effects of ultraviolet radiation (**UV protection function**).

The manufacturer provides its customers¹, subject to compliance with its application principles and instructions², the following guarantee for the above-mentioned functions of the FN NANO[®] surface

- 10 years on vertical surfaces
- 3 years on inclined surfaces

Warranty limitation:

- 1) The guarantee of full self-cleaning function does not apply to horizontal surfaces and sloping surfaces that are not exposed to sufficient daylight and weather conditions.
- 2) The above warranties do not apply in particular 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) that prevents the access of air and ultraviolet light or due to high dustiness of the environment,
 - insufficient access of the ultraviolet component of daylight,
 - application of FN NANO[®] coating on:
 - immature concrete and other substrates of stucco, trowel and paint for which the manufacturer's procedures and principles for their application have not been followed or have not been sufficiently cured.
 - in places where water with dirt splashes or drains (eg. parts of the facade near the ground, or places on the facade where water from poorly designed gutters and other facade elements drains) In these places, the coating must be renewed in shorter intervals.
 - on surfaces that have not been thoroughly penetrated in order to create a continuous FN NANO[®] coating with a thickness of at least 20 microns.

In Prague on 01.09.2020

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 principles are generally understood to mean the design in combination with FN[®] Primer penetration, FN[®] Coating and FN NANO[®] photocatalytic suspension.