

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

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 in interiors (FN NANO® surface). This surface is able, provided that it is exposed to the visible and ultraviolet component of daylight, or is provided with artificial lighting with a minimum intensity of  $0.2\text{W/m}^2$ , 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 clogging of the surface due to heavy contamination, eg. by greasy droplets from cooking <sup>3</sup>(**self-cleaning function**),
- to ensure condition cleaning of the interior and perform the function of an ecological air purifier from organic and harmful substances in the interior (**air purification function from allergens and toxins**).

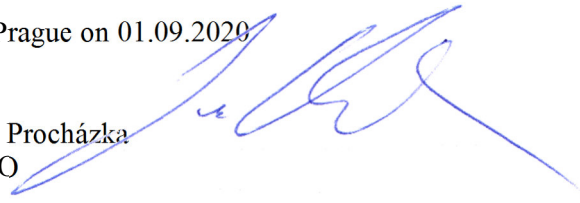
The manufacturer provides its customers<sup>1</sup>, subject to compliance with its application principles and instructions<sup>2</sup>, the following guarantee for the above-mentioned functions of the FN NANO® surface in the interior for 10 years on the created surfaces.

Warranty limitation:

- 1) the guarantee of full self-cleaning function does not apply to areas that are not exposed to sufficient daylight or a minimum intensity of artificial activation light of  $0.2\text{W/m}^2$ .
- 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, posters, stickers, tarpaulins) that prevents the access of ultraviolet light or due to high dustiness of the environment,
  - insufficient access of the ultraviolet component of light,
  - 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.
    - 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



<sup>1</sup> A certified customer is a person who has completed FN NANO® coating training and can prove himself with a valid certificate.

<sup>2</sup> Application principles are generally understood to mean the design in combination with FN® Primer penetration, FN® Paint and FN NANO® photocatalytic suspension.

<sup>3</sup> In order to prevent the deposition of dirt from cigarette smoke, it is necessary to ensure the access of the ultraviolet component of daylight or artificial UV lighting at a minimum intensity of  $1.3\text{W/m}^2$ .