

## WATERPROOF JOINTS

### Presentation, Technical Ibra and operating instructions

**Product Description:** NanoProtection JOINTS is a product based on nanotechnology Designed to give the mineral tile joints Hydrophobic and Oleophobic properties preventing water ingress by reducing dirt adhesion. The product creates a deep hydrophobic layer that will prevent contamination related to seepage and thus prolong the life of the seal. It also fights against fouling of joints.

### Examples of USING:

Terraces, slabs  
All types of mineral-based joints

### Product characteristics :

Important Hydrophobia (Contact angle > 120 °).  
Large anti-adherent properties  
Excellent Effect "Easy to clean", Especially against air pollutants

### Other properties :

Solvent free, no odor  
Resists high pressure wash (50-60 bars)  
Permanent (UV-Stable, abrasion resistance identical to the support itself)  
Withstands high temperatures and freeze/thaw cycles  
The seal is no longer contaminated by infiltration  
Significant reduction of moss and mushrooms  
Extended service life (less cleaning)  
The structure of the seal is protected in depth  
Prevention of weather elements  
Anti-fouling of the seal

### Use:

**Application Conditions :** Apply the product at temperatures between + 5 °c and + 30 °c.

Do not treat in direct sunlight. Treat in small areas if temperatures are at 30 °c. Do not treat below 0 °c. The treatment should be applied under conditions of air humidity and normal temperatures. Contact with water and/or pollution on the surface to be treated will affect the quality of the treatment.

**Surface Preparation:** The joint Must First be released Of all Coarse and visible dirt.

**IMPORTANT:** To ensure optimum results, it is imperative that the gasket is perfectly clean before applying the treatment.

**Tips for use:** Shake well before use. Wear gloves. After pre-cleaning, make sure that the gasket is dry before applying the treatment. Always do a test on a small area.

Apply a uniform layer of NanoPro JOINTS Brush, up to saturation. Wipe the product that may have spilled over the tile with a cloth.

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Do not touch the surface or make contact with water or cleaning agents during The drying. Full drying occurs after 24h.

The hydrophobic effect can be tested before these 24h, after surface drying (by pouring water, it must bead), the easy to clean effect can only be tested after 24h (do not rub the surface during this period of time).

**Amount of Use:** This amount depends on the porosity of the gasket. Approx. 250ml of product for 1m<sup>2</sup> full gasket.

**Duration of action :** Since the product penetrates deep, theE treatment is active for several years.

#### **Advantages of this product compared to other nano products (or not) on the market :**

**Permanence and Durability:** UV stability allows the treatment to keep all its functionality for many years. Many competing products or other technologies are damaged by natural light.

**Abrasion resistance/Easy to clean effect:** a permanent chemical bond between the product and the treated surface allows excellent abrasion resistance. Many competing products are easily altered by abrasion.

**Chemical Stability:** The product is resistant to almost all household or industrial cleaners (with the exception of concentrated alkaline solutions). Many competing products must be reapplied after cleaning the surface.

**Conservation :** Storage for 2 Years In its original packaging without opening. Store in a Place between + 5 °c and + 25 °c. Store away from solar radiation. Close the opened containers well.

#### **Physical and chemical characteristics:**

**Ph:** 3-5.

**Form:** Liquid.

**Smell:** Almost without.

**Color:** Colorless to pale yellow.

**Hazardous Products Regulations :** NanoPro JOINTS is not subject to the reporting requirement under the hazardous products regulations.

These application recommendations are based on our experience and extensive research, but they do not release the user from testing the product before an application. NanoPro guarantees the quality of its products but expressly disclaims all liability in the event of non-compliance by the user with the recommendations and conditions of use of the said products, in particular but not exclusively in the event of a defect in application, Non-qualified personnel from the use of products not compatible with the products of the company NanoPro or bad weather conditions. We disclaim all responsibility for any use or application other than those specified in written form on our part. For more information, see the Safety data sheet.

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