

## NANOCOLOR



Unit of measurement	Pieces/Pallet	Consumption
5 kg/bag	4 PCS / box	0.2-1kg/m <sup>2</sup>



### NANOCOLOR

Stucco for filling cement-based joints, with selected granulometry and with a high resistance to water; it serves for the filling of 0 - 5 mm joints.

### TECHNICAL FEATURES

- It is a powder, cement-based material, with natural stone powder of selected granulometry, synthetic resins, hydrophobic additives and coloring pigments.
- Easily cleaned.
- Its final result is a smooth surface
- Waterproof
- High resistance against bases (alkali) and detergents.
- Resistant to corrosion.
- Resistant to UV radiation.
- Prevents the process of fluorescence.

According to EN 13888 classification, it belongs to CG2 category.

### AREA OF APPLICATION

Nanocolor 0 - 5 mm is used for joints stucco in porous ceramic, mono-cotto, bicotto, porcelain and natural stone tiles with a 0 - 5 mm space. It is used to stucco floors, outdoor coatings, where a high impermeability, elasticity and mechanical strength are required; for surfaces with vibrations, for surfaces with swelling and shrinkage (terraces, under-floor heating, pools, fountains, etc.). Nanocolor stucco should be reinforced with 500 gr additive DW 17 diluted with 700 - 1000 ml water for one Nanocolor bag of 5 Kg.

### METHOD OF PREPARATION

Mix 5 kg Nanocolor with 1- 1.5 l of clean water with a low-revolution electric agitator. Stir them until you get a homogenous mixture. Following that, the homogeneous mixture is left to settle for 10 minutes. Before its application, it is recommended to stir the solution again. Prior to reinforcing Nanocolor with DW 17 additive, dilute 500gr DW 17 in a container with 700 - 1000 ml. water, and then we slowly pour the Nanocolor powder, which we mix in the method previously mentioned.

### METHOD OF APPLICATION

Nanocolor 0-5 mm

Spaces between tiles are easily filled using a rubber screed. Removal of the remaining material should be made with a wet sponge in the moment when Nanocolor has reached the required stability and consistency (this consistency is achieved for about 20 minutes after the application of Nanocolor). The final cleaning of the tiles is made with a dry cloth. The final cleaning can be made even the following day, when the material has solidified; in this case, use an appropriate cleaning cloth.

### TECHNICAL DATA (IN 23°C AND 50% U.R)

Form	Powder
Color	Look at the colors table
Shelf-life storage	24 months in original packaging and dry environment
Combustibility	Incombustible
Mixing ratio	1.5 - 1.7 L water for 5 Kg Nanocolor
Consistency of mix	Fluid and fluent mixture
Mix density	2 gr/cm <sup>3</sup>
pH of the mixture	12
Working life	2 hours



#### FINAL DATA

Resistance to moisture	high
Resistance to liquids and greases	good
Resistance to acids	not good
Resistance to compression	> 28 N/mm <sup>2</sup>
Resistance to flexion	>10 N/mm <sup>2</sup>
Absorption (water absorption) after 4 hours according to (EN 13888)	< 2g/m <sup>2</sup>
Trafficable	after 24 hours
Filling of joints in walls	after 8 up to 12 hours
Filling of floor joints	after 24 up to 36 hours
Joints cleaning	after 10-20 minutes

