

PLANOCOLOR VENETICO



Microcement coating for walls & ceilings

- ▷ **Excellent workability**
 - ▷ **Resistant to weather conditions**
 - ▷ **High aesthetics**
 - ▷ **Suitable for applications in wet areas**
 - ▷ **Ideal for renovations**
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Description

PLANOCOLOR VENETICO is a fine-grained cement mortar with excellent workability for applications in both internal and external areas in walls and ceilings. Mixed with water and pigments in powder form such as NOVACOLOR OXIDE or in liquid form such as NOVACOLOR DESIGN A/V provide a smooth finish such as stucco look. The formulation of the material allows outdoor applications as well as applications in wet areas such as in bathrooms.

Certifications

CE Marking and Declaration of Performance (DoP) C06239-CPR-2170032 as general-purpose plaster for applications in internal and external walls, columns and partitions, according EN 998-1, CSIV.

Product with very low emissions, VOC emission classification GEV-Emicode EC1^{PLUS}, license number 18133/14.02.20. Meets the requirements for LEED v4.1: EQ Credit – Low-Emitting Materials, Paints and Coatings.

Typical Applications

PLANOCOLOR VENETICO is suitable for creating decorative microcement coatings with very smooth finish

For applications in various substrates such as:

- Concrete, cement screed mortars
- Renders and masonry mortars
- Cement and gypsum boards (with appropriate primer)

Technical Data

Product Identification

Consistency - Color	Powder - white
Chemical base	Portland cement, aggregates, special additives
Granulometry	D _{max} : 0,06 mm

Application Data (+23°C % & 50% R.H.)

Mixing ratio	7 – 8 L water per 20 kg
Density of the mixture	1,45 ± 0,05 kg/L
Temperature application	from +5°C up to +35°C
Pot life	45 - 60 minutes

Final Performances according to EN 998-1:2016	Performance
Compressive strength	≥ 6 N/mm ²
Adhesion	≥ 1,0 N/mm ²
Capillary water absorption	≤ 0,40 kg/m ² ·min ^{0,5}
Water diffusion coefficient (μ)	μ ≤ 20
Thermal conductivity coefficient (λ _{10,dry,mat})	0,33 W/mk

Application Procedure

Substrate preparation

Cement based substrates must be compact, without cracks, free of dust, salts, grease and any other materials that could reduce adhesion of PLANOCOLOR VENETICO to them. Concrete substrates should be mechanically prepared, for example by grinding, in order to achieve a uniform surface of open porosity without protruding edges. For gypsum-based substrates, it is necessary to prime the substrate with NOVAPRIMER. Non-absorbent substrates are recommended to be primed with SC ELASTIC. For more information, please refer to the relative Technical Data Sheets of the products.

Preparation of the mix

Mix the PLANOCOLOR VENETICO bag (20 kg) with 7.0 - 8.0 liters of clean water with a low-speed electric mixer (500 rpm) for at least 3 - 5 minutes. Mixing should take place until the mixture is completely uniform and free of lumps. It is recommended to mix the pigment first with water. To achieve the shade of the PLANOCOLOR color chart, a PLANOCOLOR DESIGN A/V pigment is mixed with every 5 kg PLANOCOLOR VENETICO. The product is ready for use. The mixture has approximately one hour of pot life

Application of the mix

The mix is applied with a trowel in one or more layers at a total thickness not exceeding 3 mm, with a maximum per coat thickness of 1 mm. The waiting time between layers must be 2 - 3 hours depending on the temperature and the humidity of the environment.

Recommendations

- Do not apply when substrate and ambient temperatures are below +5°C and higher than +35°C
- Do not apply upon metal or wood or surfaces such as polyurethane, acrylic, paints and substrates subjected to big movements
- Do not apply upon PVC membranes, bituminous membranes and other materials that polymerize in the long run
- Do not apply upon loose substrates or substrates with insufficient cure
- Do not apply upon non-absorbent substrates without proper preparation
- Do not cover existing expansion joints of the substrate
- Do not apply during direct sunlight and/or strong wind presence
- Do not exceed the recommended quantity of the mixing water
- Protect from rain or frost the first 24 hours
- Do not add cement, gypsum, lime or other additives that might affect the properties of the mortar
- Application to be performed by professional users

Consumption

Approx. 1,00 kg/m²/mm

Cleaning

Buckets, tools, coatings etc. can be cleaned with water as long as the mix is still fresh. Once dried cleaning can be done only by mechanical means

Storage

PLANOCOLOR VENETICO remains stable for at least 12 months in the original sealed packaging stored in a dry place and temperature between +5°C and +35°C.

Packaging

Paper bags of 20 kg and plastic bags of 5 kg.

Safety Instructions

For information and instructions regarding disposal and safe handling, users should refer to the latest Safety Data Sheet of the product containing ecological, toxicological and other safety-related data.

Legal notes

The technical data and recommendations contained or listed in this leaflet are the result of laboratory measurements, of our current knowledge and experience. All the above-mentioned information and specifications should in any case be considered as indicative, as they may differ from each other. The Company makes every effort to ensure the accuracy of the information provided herein. Product specifications, prices and availability are subject to change without notice and may differ from those shown.

In practice, variations in materials, substrates and on-site implementation conditions are such that no warranty can be given or implied, as to the merchantability or suitability of the materials for a particular purpose and for the exact conditions of each project. Anyone interested of using the product must be sure beforehand that the product is suitable for the intended use and in any case, the user is solely responsible for any consequences due to the use of the product. Among other things, the Company is not responsible for any normal wear or tear from environmental or other inappropriate conditions. We reserve the right to revise or change the data herein without prior notice.

Restrictions and disclaimers apply to the extent permitted by applicable law. The Company has a Technical Support Department, which is the only one responsible for providing technical advice and solutions to deal with problems. Requests to the Technical Support Department are addressed and answered, only in writing.

For the latest and a valid version of the Technical Data Sheet, the user of the material must refer to our website www.novamix.gr or directly to the QR Code of the product.



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