

PLANOCOLOR ACR



Ready to use acrylic plaster

- ▷ **High elasticity and excellent bonding to the substrate**
- ▷ **Excellent resistance to UV radiation and weather conditions**
- ▷ **Excellent resistance to mechanical stress**
- ▷ **Prevents the formation of mold and algae**
- ▷ **Water repellent with excellent vapor permeability**
- ▷ **Easy to apply on ceilings**

Description

PLANOCOLOR ACR is a ready-to-use acrylic plaster for indoor and outdoor applications. It is suitable for all types of thermal insulation boards in thermal insulation systems. It is flexible, water repellent with excellent water vapor permeability. It is available in white or colored in various granulometries so that the final surface is smooth or rough, depending on the desired result.

Certifications

CE mark with Declaration of Performance (DoP) C07856-CPR-2050603 as organic render for external and internal application on walls, ceilings, columns and partitions according EN 15824.

Part of the NOVATHERM SYSTEM, External Thermal Insulation System, according to the EAD 040083-00-0404 specifications. Certificate number: 2884-CPR-00053.

Certified product of low emissions of volatile organic compounds (VOC) category EC-2, 13731 / 14.02.20.

Typical Applications

PLANOCOLOR ACR is used as the finishing coat of rendering works on:

- Expanded and extruded polystyrene boards
- Mineral fiber board, glass wool and rock wool boards
- Concrete, cement mortars, mortars and masonry mortars
- Cement boards and gypsum boards
- Metals using a suitable primer
- Old paints with good adhesion
- To create GRC-faced surfaces by spraying, granulometry 60 or 80 is recommended

Technical Data

Product Identification

Form	Paste
Color	White and colors of the color chart of NOVAMIX FACADE
Chemical Base	Acrylic dispersion, special graduated aggregates, additives
Granulometry	D_{max} : 0,6 mm / PLANOCOLOR ACR 60 D_{max} : 0,8 mm / PLANOCOLOR ACR 80 D_{max} : 1,0 mm / PLANOCOLOR ACR 100 D_{max} : 1,5 mm / PLANOCOLOR ACR 150 D_{max} : 2,0 mm / PLANOCOLOR ACR 200 D_{max} : 2,5 mm / PLANOCOLOR ACR 250
Storage	12 months on dry area in the original sealed packaging

Application data (+23°C & 50% R.H.)

Mixing ratio	ready to use
Specific gravity of the mix	1,7 – 1,8 ± 0,05 kg/L
Application temperature	from +5°C up to +35°C
Drying time	touch dry in 4 – 6 hours

Final Performances according to EN 15824:2017

	Performance	Method
Water vapour permeability	$0,14 < S_d < 1,4, V_2$	EN 7783-2
Water absorption	$< 0,1 \text{ kg/m}^2\text{h}^{0,5}, W_3$	EN 1062-3
Adhesion	$\geq 1,5 \text{ N/mm}^2$	EN 1542
Thermal conductivity	$\lambda=0,61\text{W/mK}$	EN 1745
Reaction to fire	Class F	EN 13501
Dangerous substances	see SDS	

Application Procedure

Substrate preparation

Cement based substrates must be dry, compact, without cracks, free of dust, salts, grease and any other materials that could reduce adhesion of PLANOCOLOR ACR to them. If the substrate shows poor resistance, it should be consolidated using the special primer NOVADUR W. Smooth surfaces and / or non-absorbent surfaces should be primed using either PLANOBOND or PLANO CONTACT.

Application

Before use, stir the material with an electric mixer at low speed. Stirring should be done with slow circular motions to avoid creating bubbles in the mass of the material. The mixture is applied using a flat metal spatula or rendering machine. Finish the surface in the fresh layer, about 15 to 20 minutes, with a plastic spatula. If containers of different production code are used, mixing together before use is recommended, in order not to cause discolorations.

Recommendations

- Only apply to a structurally stable and properly prepared substrate
- Avoid application at high temperatures, strong wind, rain or frost
- Do not cover existing expansion joints of the substrate
- Do not add cement, gypsum, lime or other additives that might affect the properties of the mortar
- Do not apply it to the substrate and ambient temperatures below + 5 ° C and higher than + 35 ° C
- For color uniformity ensure that you apply material of the same batch per parts of the facade
- In case of application from different production batches, mix 2 or more containers in a larger one, so that the final shade is the same and uniform throughout the application surface
- The final shade may be affected by the substrate, curing conditions and granulometry
- Protect from rain or frost the first 24 hours
- Application to be performed by professional users

Consumption

The consumption of PLANOCOLOR ACR is 1,0 – 3,2 kg/m² depending on the granulometry.

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

Packaging

Buckets of 25 kg on 825 kg pallets.

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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