

# NOVAFINA

Acrylic spatula putty in powder form



- ▷ **Excellent workability**
- ▷ **Suitable for gypsum board**
- ▷ **Extra fine-grained**
- ▷ **It dries quickly and is easy to sand**
- ▷ **It also applies with airless spray systems**

## Description

NOVAFINA is a white extra fine-grained polymer modified cementitious spatula putty (skim coat). It is suitable for interior areas, giving a smooth texture. At the same time, it fills extraordinarily giving a smooth texture and dries quickly.

## Certifications

CE Marking and Declaration of Performance (DoP) C00047-CPR-2050404 as a general-purpose rendering mortar for applications in internal walls, columns and partitions, classified as type GP CS II W0 according EN 998-1.

## Typical Applications

NOVAFINA is suitable for stuccoing in:

- Cement based walls and ceilings before applying the paint
- Gypsum boards after priming with NOVADUR W or NOVAPRIMER (1: 1 to 1: 3 dilution)
- Cement boards and concrete walls
- For an application thickness of 0.5 - 5 mm with a maximum of 2 mm per coat
- For external applications with emulsion additives such as NOVALASTIC or PL 400
- Suitable for airless spray systems

## Technical Data

### Product Identification

Consistency - Color	Powder - white
Chemical base	Portland cement, aggregates, special additives
Granulometry	D <sub>max</sub> : 0,06 mm
Bulk density	1,2 ± 0,1 kg/L

### Application Data (+23°C % & 50% R.H.)

Mixing ratio	7,5 – 8,0 L water per 20 kg
Density of fresh mortar	1,40 ± 0,05 kg/L
Dry mortar density	1,05 ± 0,05 kg/L
Temperature application	from +5°C up to +35°C
Pot life	>4 hours

### Final Performances according to EN 998-1:2016

### Performance

Compressive strength	CS II
Adhesion	≥ 0,5 N/mm <sup>2</sup>
Capillary water absorption	W <sub>c</sub> 0
Water vapour permeability coefficient (μ)	μ ≤ 20
Thermal conductivity mean (λ <sub>10,dry,mat</sub> )	0,33 W/mk
Reaction to fire	A1

## 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 NOVAFINA to them. If the application is made on very absorbent substrates and/or at high temperatures, it recommended a good substrate wetting, avoiding the presence of standing water. Where substrates of reduced strength proceed priming with NOVAPRIMER. For more information, please refer to the corresponding Product Data Sheets.

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**Preparation**

Mix the NOVAFINA bag (20 kg) with 7.5 - 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. The product is ready for use. The mixture has approximately 4-5 hours of pot life.

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**Application**

The mix is applied with a spatula or airless spray systems in one or more layers at a total thickness not exceeding 5 mm. The waiting time between layers must be 3 - 4 hours depending on the temperature and the humidity of the environment.

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**Recommendations**

Do not apply:

- when substrate and ambient temperatures are below +5°C and higher than +35°C
  - in layers with a total thickness of more than 5 mm, maximum 2 mm per layer
  - upon metallic or wood or surfaces such as polyurethane, acrylic, paints and substrates subjected to big movements
  - upon PVC membranes, bituminous membranes and other materials that polymerize in the long run
  - upon loose substrates or substrates with insufficient cure
  - upon non-absorbent substrates without proper preparation
  - Do not cover existing expansion joints of the substrate
  - 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
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**Consumption**

Approx. 1 kg/m<sup>2</sup>/mm

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**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

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**Storage**

NOVAFINA 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.

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**Packaging**

Paper bags of 20 kg or plastic bag of 5 kg

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**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.

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## 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](http://www.novamix.gr) or directly to the QR Code of the product.



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