

# Concrete By Novacolor

## Anti-algae acrylic-siloxane fine plaster coating for exteriors

### PRODUCT DESCRIPTION

**Concrete By Novacolor** is an anti-algae acrylic-siloxane plaster coating for exteriors, fine grain (0,5-0,7 mm). Thanks to the acrylic binder and the siloxane component **Concrete By Novacolor** grants a big hardness of the surface, good transpirability and resistance to rain. The particular grain curve of **Concrete By Novacolor** and the possibility to overlap it with one or more layers of **Fase Silossanica**, ensures to achieve concrete effects.

### USES

Due to the balanced formulation and the use of proper inerts and additives, **Concrete By Novacolor** is highly recommended for:

- New renderings or old plasters
- Concrete surfaces
- Old paints or dry, compact, absorbent, mineral coatings
- Various absorbent mineral substrates
- Plasterboards

### IDENTIFICATION FEATURES

Binder nature: acrylic and styrene copolymer in water dispersion with siloxane resins

Density:

**Concrete By Novacolor**: 1,75 +/- 0,5 g/ml

### PERFORMANCES

**Concrete By Novacolor** guarantees the following performances:

- Easy application
- Long-lasting
- Strong adherence to the substrate
- High filling properties

### DILUTION

**Concrete By Novacolor** : ready for use, not to be diluted

### WARNING

Properly mix the product before tinting and application. Do not apply on fresh/new substrates; wait a maturation period, generally of 4 weeks.

### SUBSTRATE PREPARATION AND APPLICATION

(referred to environment conditions T=25°C, UR=60%)

The substrate must be perfectly dry, dust-free, with no humidity and salt stains.

Resurface or consolidate the surface with specific products if necessary.

In case of mould, treat the surface with suitable specific products.

Brush or remove any efflorescence and old peeling paint. Higher layers of old lime-based paint and tempera paint must be

removed.

Brush out dust, smog or other deposits before the application.

In case of non-homogeneous or chalky surfaces, apply one layer

of **Decofix** (micronized wall sealer) diluted, with a brush.

In case of compact and non-chalky substrates, it is possible to apply **Acricolor** (coloured highly permeable water-based siloxane primer) diluted, with a brush.

Once the substrate is completely dry, apply one coat of **Concrete By Novacolor** with a stainless steel or plastic trowel.

Remove any imperfections and/or any exceeding amount of product.

Once the first layer is completely dry, apply a second coat of **Concrete By Novacolor** until you will obtain a homogeneous surface.

Work into the product still wet with the specific "**trowel for Concrete**" until reaching the desired texture typical of the product.

Wait the product starts to set (partially dry) before smoothing it down with a stainless steel trowel.

It is possible to enhance the post-industrial concrete look applying one or two layers of **Fase Silossanica** with sponge, on dry surface.

Apply the first layer of **Fase Silossanica**, diluted, with a clean and dry sea sponge.

Remove the exceeding products, working the surface with a clean and dry sponge.

When the substrate has dried out totally, apply a second coat of **Fase Silossanica** following the same procedures.

Drying time: 48 hours approx. depending on the type of substrate, its absorption rate and weather conditions.

### RECOMMENDATIONS

During the entire application process, the product must be protected from cold and high heat changes.

Technical Data Sheet: Concrete by Novacolor

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Do not apply with air, substrate and product temperature lower than +5°C and higher than +35°C, nor under direct sun light, nor on superheated surfaces (even if already in shadow). Environmental humidity must be <75%; substrate humidity must be <10%.

It is advisable to complete each work with materials from the same batch of production. When using multiple batches, it is recommended to remix the various products together to avoid slight differences in shading.

For the correct use, dilution and application of the products here mentioned, consult their respective technical data sheets. During the preparation of the substrate and application of the products, it is recommended the correct use of tools and individual protective devices (dpi).

#### TOOLS CLEANING

With water, immediately after their use.

#### YIELD

**Concrete By Novacolor:** 1.6-2,0 kg/m<sup>2</sup> in two coats, depending on the kind of substrate

#### COLOURS

White

#### PACKAGING

5 Kg, 20 kg cans

#### SHELF LIFE

The packaged product is guaranteed for 24 months, if stored in the original sealed packages and at the adequate temperatures.

#### SECURITY PROCEDURES

EU Directive 2004/42/CE:

**Concrete By Novacolor** (coatings for exterior walls of mineral substrate)

EU limit values for **Concrete By Novacolor (cat A/c):** 40 g/l (2010)

**Concrete By Novacolor** contains maximum 40 g/l of VOC.

Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment / Keep out of the reach of children / Do not empty into drains / Wear suitable protective clothing and gloves / If swallowed, seek medical advice immediately and show container or label.

The product must be transported, used and stored in accordance with the standards in force regarding hygiene and safety; let the residues dry out completely and treat them as special waste.

For more information see the safety data sheet.

**N.B.- NOVACOLOR guarantees that the information herein is provided to the best of its technical and scientific knowledge and based on its experience; nonetheless, the company may not be held liable for the results obtained using these products, as application conditions are beyond its control. It is recommended to always make sure that the product is suited to each specific instance. The present sheet voids and replaces any previously existing sheets.**