

Novacem Velatura

Transparent clear coat for reinforced concrete

GENERAL FEATURES

Novacem Velatura is a special transparent finishing coat, for both exteriors and interiors, formulated with a water-based acrylic copolymer, selected mineral charges and rheological modifiers that guarantee an excellent workability.

The binder nature, the balanced formulation and the use of special additives offer a high protection of the treated surface.

USES

Novacem Velatura offers new challenging aesthetic solutions in terms of decoration and restoration of concrete. In this way, concrete becomes the main element also in terms of "color", while preserving its nature of heavy "material" element.

IDENTIFICATION FEATURES

Binder nature: water-based acrylic copolymer

Density:

Novacem Velatura: 1,06 +/- 0,05 g/ml

PERFORMANCES

Novacem Velatura is washable, and resist to standard cleaning procedures.

The surface looks smooth and glazed.

Novacem Velatura guarantees the following performances:

- easy-to-apply
- washable
- highly adherent to the substrate
- alkali resistant

DILUTION

Acrilak: 1:4-1:5 with water

Novacem Velatura: diluted with at least 1:1 of water

WARNING

Properly mix the products before the coloration and application. Do not use on wet and alkaline substrates, wait for an adequate maturation time, generally 4 weeks.

SUBSTRATE PREPARATION AND APPLICATION

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

Remove any trace of disarming. Remove mechanically or with an high-pressure hydro washing system the damaged parts or those that are falling down, dirty residuals; then re-build missing parts with anti-shrink mortars. Before starting the Novacem velatura application, wait the maturation period of the new substrate ended up.

On dry compact surface, apply one layer of **Decofix** (micronized neutral sealer), diluted, with brush or short-air roller depending on the type of substrate. Alternatively, it is possible to apply **Acricolor** (acrylic pigmented sealer), diluted, with brush.

Wait the complete drying of the surface, then apply one coat of **Novacem Velatura**, properly diluted, with a brush, a thin roller or a spray-gun. Remove exceeding amount of products if any.

After at least 12 hours (T=25°C, UR=60%), apply a second coat of **Novacem Velatura**, properly diluted, with a brush, a roller or a spray-gun.

Drying time: about 48 hours depending on the kind of substrate and its absorption rate, in stable environmental conditions (T=25°C, UR=60 %).

RECOMMENDATIONS

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

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

Novacem Velatura: 8-10 m²/l, for both coat, depending on the kind of substrate and its absorption rate.

COLORS

White and "Concrete Solutions" color card.

PACKAGES

5l. packages.

SHELF LIFE

The packaged product is guaranteed for 24 months, if stored in the original sealed packages and at temperatures between +5°C and +35°C.

SECURITY PROCEDURES

EU Policy 2004/42/CE:

Novacem Velatura (decorative effect coatings)

EU limit value for Novacem Velatura (cat A/I):200 g/l (2010).

Novacem Velatura contains maximum 200 g/l of VOC

The product does not require the label as per the D.L. 65 dated 14/03/03 and following corrections. Use the products as per the security and hygiene procedures rules. Dispose of the empty packaging remaining material in compliance with local laws. Keep the product away from children usage and in an airy place.

In case of contact with eyes, wash them immediately with water.

In case of ingestion of the products, consult immediately a doctor showing him the can or the label of the product. Do not leave wastes in drains, water courses and on the ground.

For further information consult the safety data sheet.

NB- NOVACOLOR ensures that the information herein has been provided to the best of its experience and its technical and scientific knowledge, but cannot take any responsibility for the results obtained by using them as the conditions of application are beyond its control. We recommend to check the suitability of the product to each specific instance. This TDS cancels and replaces all previous editions.