

Clear Finish Monocomponent

Polyurethane Protective Resin for interiors and exteriors.

DESCRIPTION

Clear Finish Monocomponent is a polyurethane water-based protection to be used as a protective coat for vertical, interiors and exteriors surfaces, treated with decorative finishes, water-based paints and enamels.

Its non-yellowing formulation provide to the thin film a very high water and stains resistance.

Clear Finish Monocomponent permits to achieve a good resistance to abrasion and high durability.

USES

Clear Finish Monocomponent can be applied on:

- Decorative organic finishes
- Water based paints
- Enamels
- Old paints and organic dry cohesive and absorbent coatings.
- Mineral substrates, only in interiors.

Clear Finish Monocomponent is not suitable for commercial and industrial use, with the aim of protect the surface from scratches.

CHARACTERISTICS OF IDENTIFICATION

Binder : polyurethane emulsion with modified acrylic.

Specific gravity per UNI EN ISO 2811-1:

Clear Finish Monocomponent: 1,00 +/- 0,05 g/ml

Conforms to HACCP according to the requirements of EC Regulation 852/2004.

PERFORMANCE FEATURES

Brilliance EN ISO 2813: 20° ± 2° angle 60°

Wet-scrub resistance per ISO 11998: class 1

Drying (25 °C - 65% U.R.): dust dry 30 minutes touch dry in 1 hour, total after in 3 hours.

DILUTION

The dilution of **Clear Finish Monocomponent** depends on the absorption and tools used. First and second layer dilution of 5-10%. With deeply absorbent substrates, dilutes the first layer of 30 %.

WARNING

Properly mix the products before the application.

Do not apply on fresh substrates and wait an adequate maturation period.

Do not use the product in situations with constant presence of water.

Do not apply the product on wet substrates or if humidity comes up from the bottom to the top.

Do not apply over mineral surfaces in exteriors.

SUBSTRATE PREPARATION AND APPLICATION

(Reference ambient conditions T=25 °C, R.H.= 60%)

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

Level any irregularities in the surface and treat holes, cracks, cervices and gaps in indoor with specific products.

On dry and compact substrate, apply with sponge trowel a layer of **Clear Finish Monocomponent**.

On interior mineral surfaces, apply with sponge trowel a first latyer of Clear Finish Monocomponent, diluted with 30% of water and a second layer without dilution, applied using a roller.

It is possible to apply a second coat of **Clear Finish Monocomponent**, properly diluted, for a higher protection of the surface.

RECCOMENDATIONS

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

Clear Finish Monocomponent is deeply influenced by the kind of product to protect. For smooth surfaces the yield is 12-14 m2/l per layer.

COLORS

Colourless, it cannot be tinted.

PACKAGES

1 Lt 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.

SURFACE CLEANING

Clear Finish Monocomponent presents a good resistance to household detergents and cleaners.

It is advisable to remove the aggressive substances and wash with cold or warm water.

Technical Data Sheet: Clear Finish Monocomponent

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To remove particular dirty parts, it is possible to use water or non-aggressive (neutral) detergents.

It is advisable proceed with a preliminary test over a small part of the substrate.

Do not use ethyl alcohol as a detergent.

Do not use abrasive sponges or highly alkaline detergents.

Do not steam clean the surface.

Any maintenance intervention can be easily visible on the surface.

For the maintenance of the superficial layer, use the same finish of the layer.

Proceed with interventions, sanding and cleaning the surfaces, applying the product on the surface.

SECURITY PROCEDURES

EU policy 2004/42/CE:

Clear Finish Monocomponent (decorative effect coatings)

EU limit values for **Clear Finish Monocomponent** (cat A/I): 200 g/l (2010)

Clear Finish Monocomponent contains maximum 100 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.

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.