

Clear Finish Countertop Protection

High performance bi-component polyurethane protective coating.

PRODUCT DESCRIPTION Clear Finish Countertop Protection is a range of two-component, high-performance water-based protective finishes for internal surfaces, suitable for protecting flat surfaces of various kinds, decorated with Wall2Floor Top Coat, such as kitchen and bathroom countertops.

Thanks to the synergy of the chemical properties of non-yellowing acrylic and polyurethane aliphatic polymers associated with special fillers, finishes are obtained with excellent resistance to wear and to the usual cleaning operations. The finishes Clear Finish Countertop Protection they have good resistance to cold liquids and heat deriving from contact with cups and tea or coffee cups, you should also avoid contact for a few moments with boiling pots. The finishes Clear Finish Countertop Protection by type of product, although they have high mechanical performance, they may not protect the substrate as a result of falling heavy objects.

For specific properties the finishes Clear Finish Countertop Protection they are used as floor finishes in some Wall2Floor systems.

The Component B of Clear Finish Countertop Protection Satin and Ultra Matt is a latest generation hardener, based on aliphatic polyisocyanate, with a content of HDI monomer <0.1% by weight

APPLICATIONS

Clear Finish Countertop Protection can be applied on:

- Enamels and paints
- New or already painted wooden products inside such as: parquet, skirting boards, panels, various objects where required high surface hardness
- Surfaces decorated with Wall2Floor Top Coat and Wall2Floor Top Coat Fine

IDENTIFICATION FEATURES Clear Finish Countertop Protection Satin:

Nature of the binder: acrylic and aliphatic polyurethane polymers

Mixture density: 1.04 ± 0.05 g / ml.

Brightness EN ISO 2813: 15 ° ± 2 ° reading angle 60 °

Compliant with HACCP according to the requirements of EC Reg. 852/2004 Indoor Air Quality Classification: A +

Clear Finish Countertop Protection Ultra Matt:

Nature of the binder: acrylic and aliphatic polyurethane polymers

Mixture density: 1.13 ± 0.05 g / ml.

Brightness EN ISO 2813: 4 ° ± 2 ° reading angle 85 °

Compliant with HACCP according to the requirements of EC Reg. 852/2004 Indoor Air Quality Classification: A +

Determination of wear resistance UNI EN ISO 5470-1 (Taber):

CS17 wheels; load 1000 grams; 500 turns: 15 mg (weight loss) S42 wheels; load 500 grams: 50 (turns before deterioration)

Resistance to cold liquids EN 12720: 2013: Class CEN / TS 16209 B

Resistance to moist heat EN 12721: 2013: Class CEN / TS 16209 TO

Resistance to dry heat EN 12722: 2013: Class CEN / TS 16209 B

Odor emissions RAL-GZ 430: average value 2.7 (net odor not annoying)

Drying (at 25 ° C and 65% RH): dust-free in 30 minutes, touch-free in 1 hour, total after 3 hours.

Can be painted over: after 4 hours.

NB .: after 10 days, to be able to overpaint Clear Finish Countertop Protection, light surface sanding with paper or abrasive mesh is required.

MIXTURE PREPARATION

homogenize Clear Finish Countertop Protection Satin A - Clear Finish Countertop Protection Ultra Matt A from any sedimentation. Pour the component B in component A and mix manually or with a mixer drill equipped with a propeller under slow stirring for about 1 minute.

The mixture obtained must not have lumps, portions of the two components not mixed, impurities.

Clear Finish Countertop Protection Satin catalysis ratio by weight: 10 parts of the component A + 3 parts of component B.

Clear Finish Countertop Protection Ultra Matt catalysis report by weight: 12 parts of the component A + 3 parts of component B.

DILUTION

Dilute the mixture by adding a maximum of 10-15% of water.

Life time of the mixture : about 60 minutes, do not add additional water to extend the life of the mixture.

WARNINGS

Before applying each layer of one of the finishes Clear Finish Countertop Protection, it is advisable to filter the mixture obtained with a cloth, nylon or filter-paint funnel filter, with a mesh opening of 40 ± 90 microns. For maintenance operations on surfaces already painted with one of the finishes Clear Finish Countertop Protection or other products, sanding with paper or abrasive mesh is required. Once applied, the paint must be kept out of contact with any type of liquid for at least 24/48 hours after application. Avoid very abrasive cleaning products. Do not use steam cleaners.

ENVIRONMENTAL CONDITIONS

The material must be applied protecting it from frost and strong temperature changes, throughout the application cycle. Do not apply with air, support and product temperatures lower than + 10 ° C or higher than + 35 ° C, neither under the direct action of the sun, nor on overheated surfaces (even if already in the shade). The conditions of the environment and of the support to proceed with the application are:

- Ambient temperature: Min. +10 ° C / Max. +30 ° C.
- Relative humidity of the environment: <75%.
- Media temperature: Min. +10 ° C / Max. +30 ° C.
- Substrate humidity: <4%

Application, in conditions other than those described above, could cause discrepancies or defects in the physical and chemical properties

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of the aesthetic result of the finishes **Clear Finish Countertop Protection**.

SUBSTRATE PREPARATION AND APPLICATION

(Referred to environmental conditions T = 25 ° C, RH = 60%) The surface must be clean, dry, cohesive and compact, free of stains, free of waxes, oils and dust.

Normally 2 layers of product are applied however, where it is considered **appropriate, it is possible to apply an additional layer of one of the finishes Clear Finish Countertop Protection.**

RECOMMENDATIONS

Do not expose the product packaging for long periods to direct heat sources or temperatures below + 5 ° C.

If the products are stored at temperatures close to + 5 ° C, we recommend that you take them to a suitable temperature before use, in order to condition them at a temperature of use not lower than + 10 ° C. Do not heat the products using a direct source of heat, flame, hot body or similar. Low temperatures increase viscosities in a can, making it difficult to use and lengthen, or inhibit, the drying and hardening process of the various products. In all application phases, the removal of the adhesive tape must be carried out before the complete hardening of the applied layer.

Pay particular attention when applying the product on surfaces exposed to contact with water. Do not leave standing water in prolonged contact with the surface.

It is good practice to always use new or in any case well cleaned tools, if necessary replace them at the end of each application cycle. It is advisable to finish each job with materials from the same manufacturing batch.

For the correct use of the mentioned materials, dilution and installation, please refer to a careful reading of the relative technical data sheet.

During all phases of preparation of the substrate, products and application, the correct use of equipment and personal protective equipment (dpi) is recommended. **In all the application phases of the Wall2Floor system the removal of the adhesive tape must be performed before the complete hardening of the applied layer.**

CLEANING OF TOOLS

With water, immediately after use.

SURRENDER

Clear Finish Countertop Protection Satin: 5-7 m² / l, in the two layers.

Clear Finish Countertop Protection Ultra Matt: 5-7 m² / l, in the two layers

COLORS

Not tinted.

PACKING

Clear Finish Countertop Protection- Satin A: 1 l; 2.5 l

Clear Finish Countertop Protection Ultra Matt-A: 1 l; 2.5 l

Clear Finish Countertop Protection-B: 0.300 l; 0.750 l

STORAGE TERMS

Stability in the original unopened containers, in a covered warehouse and in suitable temperature conditions: 12 months Maximum storage temperature: + 30 ° C Minimum storage temperature: + 10 ° C.

SAFETY INDICATIONS

Directive 2004/42 / CE:

Clear Finish Countertop Protection Satin (high performance bi-component paints)

EU limit value for Clear Finish Countertop Protection Satin (cat A / j): 140 g / l (2010)

Clear Finish Countertop Protection Satin contains a maximum of 140 g / l of VOC.

Clear Finish Countertop Protection Ultra Matt (two-component, high-performance paints)

EU limit value for Clear Finish Countertop Protection Ultra Matt (cat A / j): 140 g / l (2010)

Clear Finish Countertop Protection Ultra Matt contains a maximum of 140 g / l of VOC.

Contains isocyanates: read the information provided by the manufacturer / Harmful by inhalation / Irritating to respiratory system / May cause sensitization by skin contact / Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

The product must be transported, used and stored according to the current regulations of hygiene and safety; leave to dry completely the residues and treat them with special waste. For further information consult the safety data sheet.

NB- COLORIFICIO NOVACOLOR guarantees that the information in this sheet is provided to the best of its experience and its technical and scientific knowledge; however, it cannot assume any responsibility for the results obtained with their use as the conditions of application are beyond its control. It is advisable to always check the actual suitability of the product for each specific case. This cancels and replaces any previous card.