

Clear Finish Anti-Slip

Protective functional bi-component polyurethane for "Wall2Floor" system.

DESCRIPTION OF THE PRODUCT

Clear Finish Anti-Slip is a protective functional product with anti-slip properties, easy cleaning and maintenance; it is resistant to abrasion, specific for the **Wall2Floor Wellness** and **Wall2Floor Outdoor** systems.

Used as a final protective layer, it is particularly suitable for interiors and exteriors subject to foot traffic both barefoot and with shoes, in the presence of humidity or water.

Suitable for use in the residential and commercial sector.

Clear Finish Component B is a last generation hardener, formulated with polyisocyanates aliphatic, with a content of monomer HDI < 0,1 % in weight.

APPLICATIONS

Final sacrificial layer on the protective finishes of the "Wall2Floor system" already applied.

Clear Finish Anti-Slip must be applied as a last layer, over at least two layers of one of the Clear Finish protective finishes (Glossy, Satin, Matt, Countertop, Countertop Ultra Matt).

IDENTIFICATION FEATURES

Clear Finish Anti-Slip A

Nature of the binder: modified aliphatic polyurethane aqueous dispersion

Clear Finish Anti-Slip B

Nature of the binder: Aliphatic polyisocyanate with HDI monomer content < 0.1 % in weight.

Density of the mixture: 1.07 ± 0.05 g/ml.

Gloss value ISO 2813: 15° ± 2 ° reading angle 60°

Drying time: can be walked on after 24 hours minimum; complete hardening: **7 days**.

Determination of anti-slip properties

Wet area walked on barefoot DIN 51097-1992: classification B (A+B)

Dry areas walked on wearing shoes DIN 51130-2014: classification R10

Pendulum testers BS7976-2:2002 (wet operational condition): >35

Calculation of the friction coefficient for floors– B.C.R.A Method

Leather on dry surface: $\mu > 0.50$

Rubber on wet surfaces: $\mu > 0.70$

PREPARING THE MIXTURE

Homogenise **Clear Finish Anti-Slip A** to remove any sedimentation.

Pour **Clear Finish B** into **Clear Finish Anti-Slip A** and mix manually for approx. 45-60 seconds. Alternatively, mixing is possible using a drill fitted with a propeller, operating slowly for approx. one minute.

The mixture obtained must be lump-free, not have portions of the two components unmixed or impurities.

Catalysis ratio by weight: 100 parts of **component A** + 25 parts of **component B**

DILUTION

Dilute the mixture obtained (100 parts of component A + 25 parts of component B) by adding 10% of water.

Mixture pot life: approx. 60 minutes; do not add more water to lengthen the pot life of the mixture.

WARNINGS

Before the application of each layer of **Clear Finish Anti-Slip**, it is recommended to filter the mixture obtained with a cloth or nylon filter or paint-filter funnel with 40 ÷ 90 micron mesh openings.

Once applied, the paint must not come into contact with any type of liquid for at least 24/48 hours after application. The first cleaning operations must be performed when hardening has occurred, after at least **7 days** (calculated at an average temperature of 25°C and with 60% RH).

Do not use highly abrasive products for cleaning and do not use steam cleaning devices.

Clear Finish Anti-Slip can not be applied as a replacement for the Clear Finish protective finishes, but only as an anti-slip accessory for surfaces protected with Clear Finish.

ENVIRONMENTAL CONDITIONS

The material must be protected from freezing and thermal shocks throughout the entire application process. Do not apply when air, substrate and product temperatures are below +10°C or above +35°C, in direct sunlight or on hot surfaces (even if already in the shade).

The environmental conditions and conditions of the substrate must be as follows in order to proceed:

- Environment temperature: Min. +10°C / Max. +30 °C.
- Relative humidity of the environment: <75%.
- Temperature of the substrate: Min. +10°C / Max. +30 °C.
- Humidity of the substrate: <4%

Application in conditions different from those described above could cause differences or defects in the chemical-physical properties and in the aesthetic result of the **Clear Finish**.

PREPARATION OF THE SUBSTRATE AND APPLICATION

The substrate in the **Wall2Floor System** must be dry, clean, cohesive and compact.

Apply a layer of previously prepared **Clear Finish Anti-Slip (A+B)** using a medium hair roll.

PRECAUTIONS

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

If the products are stocked at temperature of approx. +5°C, before use it is recommended to take them to a place with suitable temperature, in order to condition them to a temperature of use no lower than +10°C. Do not heat the products using a direct heat source, flame, hot body or similar.

Technical data sheet: Clear Finish Anti-Slip

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The low temperatures increase the viscosities in the jar make use difficult and they lengthen or prevent the drying and hardening process of the various products.

In all stages of application, the adhesive tape must be removed before the layer applied hardens completely.

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

It is good practice always to use new, or thoroughly cleaned, equipment. Replace equipment as necessary at the end of every application cycle.

It is recommended to finish the job using the same production batch.

For correct use of the materials mentioned, dilution and application, read the relevant technical data sheet carefully.

Correct use of individual protection equipment (PPE) is recommended during all preparation phases of substrate, products and application of the same. In all stages of application of the **Wall2Floor system** the adhesive tape must be removed before the layer applied hardens completely.

CLEANING EQUIPMENT

Clean with water immediately after use.

COVERAGE

Clear Finish Anti-Slip (A+B): 10–14 m² per layer, according to the finish of the substrate and its absorption.

COLOURS

Transparent, colourless.

PACKAGING

Clear Finish Anti-Slip A: 1 l; 2.500 l

Clear Finish B: 0,300l; 0,750 l

STORAGE CONDITIONS AND SHELF LIFE

In a jar and, as long as it is kept in a covered warehouse at a temperature between +10° C and +30° C, the material has duration of 12 months.

SAFETY INDICATIONS

Directive 2004/42/EC:

Clear Finish Anti-Slip (high-performance bi-component paints)

EU limit value for Clear Finish Anti-Slip (cat A/j): 140 g/l (2010)

Clear Finish Anti-Slip contains max. 140 g/l VOC.

Contains isocyanates: read the information provided by the manufacturer / Harmful by inhalation / Irritating to the respiratory system / May cause sensitisation by contact with the skin / Harmful to aquatic life, it can cause long-term negative effects.

The product must be transported, used and stored in accordance with current legislation concerning health and safety; let residues dry out completely and treat them as special waste.

For further information, please refer to the MSDS.

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