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PASTE SURFACE COATING WITH DECORATIVE CONCRETE OPTICS

PRODUCT DESCRIPTION

Ready to use, easy to apply, polymer dispersion-based compound for creating individually designed, unique, spatula-structured surfaces on floors and walls; single-colored (concrete design), multi-colored (marble design). It requires a smooth, stable, even and crack-free subfloor. To be applied together with Eurocol 311 Eurofinish Top Coat Duo anti-slip, class R10 according to BGR 181. For indoor use only. Can be use on underfloor heating.

Very low Emissions EMICODE EC2.



Made in Germany

PRODUCT FEATURES

The anti-slip system structure has low height, being the overall thickness is only 1-1, 5 mm. Subfloor to be pre-coated with Eurocol 910 Europlan PU Duo.

Colors available:

- 3051 Telegrau 4
- 3052 Agate Grey
- 3053 Signal Grey
- 3054 Platium Grey
- 3055 Telegrau 1
- 3056 Dusty Grey
- 3057 Traffic Grey
- 3058 Black Grey

USAGE



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PROPERTIES

Base	Pasty mass with mineral pigments and plastics elasticized concrete color
Color	8 different colors
Density	approx. 1,65 - 1,9 g/cm ³ depending on the color
Texture	pasty
Cleaner	water
Processing conditions	Min. 15 °C, max. 20 °C floor temperature, 18°C – 23°C material- and room temperature, 40 – 70 % rel. humidity
Application	Spatula with: skim coating, Venetian trowel, plasterer spatula.
Consumption	approx. 400 - 500 g/m ² per layer

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Drying time	1 st layer approx. 4 – 6 hrs, 2 nd layer approx. 6 hrs
Time to over-lacquering	min. 12 hrs.
First cautious use	Approx. 24 hrs after lacquering.
Final hardness	After approx. 7 days
Shelf-life	Approx. 9 months in unopened, original packing.
Storage conditions	packing to be tightly closed at a dry place, temperature (5 - 30 °C)
Sensitive to frost	yes
Code acc. to GHS	no
Environmental protection	No special labor protection measures required

SUBFLOOR PREPARATION Beton Design

- The subfloor must have a sufficient strength, load bearing capacity, dimension stability, be permanently dry and free of cracks. Adhesion-reducing layers needs to be removed by suitable mechanical measures.
- The maintenance and care has to be taken into account in accordance to the German construction contract procedures (VOB). All concerns in case of defects have to be reported in written form.

305 BetonDesign has to be always applied on an already levelled subfloor.

- To avoid possible cracks in the subfloor, which may emerge in the finished concrete surface design, use the **910 Europlan PU Duo** two-component PU leveling compound in a minimum thickness of 2mm. To achieve a smooth, flat surface, the leveling compound will be applied with a trowel and vented with the Eurocol de-aerating roller
- Matt sanding with a grit sanding disc 100 and vacuum with an industrial vacuum cleaner after complete hardening of the leveling has occurred.

Note: mineral leveling may be prone to cracking under certain circumstances.
That's why Eurocol recommends preparation of the subfloor with **910 Europlan PU Duo**.

Walls are prepared with a suitable wall spatula.
Unfamiliar subfloor must comply with the relevant standards and be permanently free of cracks.

It is recommended to use the approved Eurocol top coat for the load bearing capacity of the system.

APPLICATION Beton Design

- **Stir the 305 BetonDesign with a mixer at low speed.**
- **Beton Design has to be applied in two layers with intermediate drying time and intermediate sanding.**
- The first layer has to be applied with a Venetian trowel according to the desired structure. This layer has influence on the appearance on the structure of the surface and thus, on the final result (a larger trowel ensures a smoother appearance). Work as little as possible in the already applied material, because stainless steel trowel can cause black spots in the dried material. Depending on the applied smoothing technique different surface structures can be created.
- **After drying of the first layer (approx. 4-6 hrs) the surface should be sanded with a grid 100 – 180 sanding disc (eccentric sander, sanding giraffe) and be freed of dust.**
- **The application of the second has to be done corresponding to the desired structure. Drying time 2nd layer (6 hrs). With the grinding of the second layer (grid size 120 -240) will the final desired surface appearance be achieved. Optical corrections are in principle possible to achieve through grinding.**
- The Eurocol 311 Eurofinish Top Coat Duo paint should be applied only after drying time of at least 12 hrs. As basecoat is Eurocol 311 Eurofinish top coat Duo to be applied. In a timespan between 4 to maximum 24 hours after drying of the applied 311 Eurofinish top coat Duo, is the area to be applied with Eurocol 322 Eurofinish C Floor duo. The respective technical datasheets of the top coats must be observed. Due to the high absorbency of the surface, a smooth and dirt-free application of the top coat is required.

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Use only Eurocol 322 Eurofinish top coat Duo when applying Beton Design on the wall.

NOTES Beton Design

- The non-lacquered surface of Eurocol 305 BetonDesign, cannot be directly stepped. During the application of the prepared floor use shot protectors to prevent shoe traces on the coated floor.
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- For continuous surfaces use material from the same batch.
- No warranties will be taken for coating structures below the newly employed Eurocol materials.
- Technical information and safety data sheets of other installation products have to be considered. Eurocol 305 BetonDesign is not suitable to as levelling for subfloors or as a joint filler. The system cannot be used in wet areas.

No consumer product according to 1999/EG/44

PACKING

7,0 non-returnable unit size net (75/Pallet)

SPECIAL NOTES

Any other application than those specified in this Technical Information requires our explicit approval. Otherwise no liability can be assumed.

The information contained in this product information has been based on experiences derived from laboratory and practical work. The great versatility of materials, many different processing and storage methods and local conditions beyond our control make it impossible to give guarantees for processing results. Therefore, customers are recommended to find the optimum for their particular application case by suitable self-made tests. The General Terms and Conditions of our company shall apply.

Keep away from children. Eating, drinking and smoking to be avoided during the application of the product. If the product get in contact with eyes and/or skin, immediately rinse thoroughly with water. Clean tools immediately after use with soap and water. Clean tools immediately after use with soap and water.

This Technical Information supersedes all other application data sheets and product information published before.

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