

ACRYL-DECO FINISH

Decorative acrylic coating with ultra smooth finish

Description

ACRYL-DECO FINISH is a pasty, ready-to-use, white or colored, acrylic coating well-suited for floors, walls and built-in furniture. It contains aggregates of special particle size, thus being ideal where an ultra smooth decorative and easy-to-clean final surface is desired. Suitable for both indoor and outdoor applications, on walls and floors, offering:

- High abrasion resistance and mechanical strength.
- Very good bonding to the substrate.
- Flexibility and resistance to vibration.
- A special aesthetic result.

Certified according to EN 1504-2 and classified as a coating for surface protection of concrete. CE marked.

Fields of application

ACRYL-DECO FINISH is used in indoor or outdoor applications, on floors, walls, stairwells and special constructions such as built-in sanitary ware (washbasins, showers, etc.) and built-in furniture (beds, counters, tables, etc.).

Suitable for applications requiring resistance to vibration, such as substrates made of gypsum or cement boards, heated floors, metal surfaces, balconies, flat roofs, etc. Applicable in houses, hotels, shops, restaurants, or wherever a minimal, sophisticated and customized aesthetic result is desired. Ideal for quick renovation projects as it does not require removing existing surfaces, such as old, firmly fixed tile layers.

Technical data

Form:	pasty
Colors:	white & selected colors from ISOMAT COLOR SYSTEM color chart
Application thickness:	0.5 mm per layer
Density:	1.65 ± 0.05 kg/l
Adhesion:	≥ 2.0 N/mm ²
Abrasion resistance:	AR0.5

Shore D Hardness:	80
Capillary water absorption:	≤ 0.1 kg·m ⁻² ·h ^{-0.5}
Reaction to fire:	Euroclass F

Directions for use

1. Substrate preparation

The substrate should be dry (moisture content <4%), free of dust, grease or loose material, etc. Any cavities such as cracks or holes in the substrate should be properly filled.

ACRYL-DECO FINISH is applied in thin layers; therefore, the substrate must be completely flat.

Primers

In case of absorbent substrates, such as masonry, concrete or plaster, they should be first primed with the acrylic primer UNI-PRIMER or FLEX-PRIMER in one or two layers, depending on the absorbency of the substrate.

Non-absorbent substrates, such as old tile layers, should be primed with SUPERGRUND primer.

Difficult surfaces, such as polished marble, should be scrubbed prior to the application of the epoxy primer EPOXYPRIMER 500, diluted with water. Quartz sand (Ø 0.1-0.4 mm or M32 sand) is broadcast on the fresh layer.

Consumption of quartz sand: approx. 3 kg/m².

After EPOXYPRIMER 500 has hardened, any loose grains should be removed with a high-suction vacuum cleaner.

Application of DUROCRET-DECO FINISH

The substrate is primed as described above. DUROCRET-DECO FINISH is applied 24 hours later, as long as the primer has completely dried.

DUROCRET-DECO FINISH is gradually added to water under continuous stirring, until a mixture of the desired workability is formed. The product is applied with a 10 mm notched trowel. A 160 g/m² reinforcing fiberglass mesh is placed over the "combed" surface of DUROCRET-DECO FINISH, which is then embedded with the smooth side of the trowel, forming a relatively flat surface.

The same application method is followed in case ACRYL-DECO BASE or ACRYL-DECO SOLO is used instead.

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Prior to the application of ACRYL-DECO FINISH, the surface of DUOCRET-DECO FINISH is primed with the acrylic primer UNI-PRIMER or FLEX-PRIMER in one layer. ACRYL-DECO FINISH is applied as soon as the primer has dried.

2. Application

ACRYL-DECO FINISH is applied with a smooth stainless steel trowel in two layers, at a thickness of 0.5 mm each.

One or two days after the application, provided that the surface is dry, the protective varnishes should be applied.

Application of the varnish

ACRYL-DECO FINISH is protected with the application of the polyurethane, solvent-based varnish VARNISH-PU 2K (gloss or satin) or the polyurethane, water-based varnish VARNISH-PU 2KW (satin-matt). The water-based varnish is ideal for interior, poorly ventilated spaces, as it is almost odorless.

VARNISH-PU 2K and VARNISH-PU 2KW are applied with a roller in two layers. The second layer is applied 4-24 hours after the first one, provided that it has sufficiently dried.

Consumption: 70-120 g/m² per layer.

For better distribution of the varnish, it is recommended to dunk the roller in the varnish until it is soaked, then drain it in the paint tray and apply it on the surface.

Consumption

Approx. 0.8 kg/m²/layer.

Packaging

5 kg and 15 kg plastic containers.

Shelf life – Storage

12 months from production date if stored in original, unopened packaging, in places protected from moisture and frost.

Remarks

- Temperature during the application should be between +5°C and +30°C.
- The treatment of the final surface with the spatula to obtain the desired finish effect should be done immediately, within a few minutes after the application of ACRYL-DECO FINISH, otherwise unwanted dark spots may appear on the surface.
- Please consult the directions for safe use and precautions written on the packaging before use.

Volatile Organic Compounds (VOCs)

According to Directive 2004/42/CE (Annex II, table A), the maximum allowed VOC content for the product subcategory I, type WB is 200 g/l (2010) for the ready-to-use product.

The ready-to-use product ACRYL-DECO FINISH contains a maximum of 200 g/l VOC.

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EN 1504-02

DoP No.: ACRYL-DECO FINISH /1289-01

Surface protection products

Coating

Water vapour permability: Class I

Capillary absorption: $w < 0.1 \text{ kg/m}^2 \cdot \text{h}^{0.5}$

Adhesion strength: $\geq 2.0 \text{ MPa}$

Reaction to fire: Euroclass F

Dangerous substances: comply with 5.3

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