

ACRYL-DECO SOLO

Decorative acrylic base & finish coat with smooth finish

Description

ACRYL-DECO SOLO is a pasty, ready-to-use, white or colored, acrylic compound used both as a smoothing and levelling base coat and as a decorative finishing coat, well-suited for floors, walls and built-in furniture. It contains aggregates of special particle size, thus being ideal where a smooth decorative final surface is desired. It is suitable for both indoor and outdoor applications, on walls and floors, offering:

- High abrasion and mechanical resistance.
- Very good bonding to the substrate.
- Flexibility and resistance to expansion-contraction and 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 SOLO 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, heavy traffic floors, 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:	1-3 mm/layer
Density:	1.65 ± 0.05 kg/l

Adhesion:	≥ 2.0 N/mm ²
Abrasion resistance:	AR0.5
Hardness (Shore D):	70
Capillary water absorption:	≤ 0.1 kg·m ⁻² ·h ^{-0.5}

Directions for use

1. Substrate preparation

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

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 ISOMAT SUPERGRUND primer.

Application of a leveling layer

The substrate is primed as described above. After 2-3 hours and providing the primer has completely dried, DUROCRET-DECO FINISH is applied as a filling and leveling base coat.

DUROCRET-DECO FINISH is gradually added to water under continuous stirring, until a mixture with 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 and then embedded with the smooth side of the trowel, forming a relatively flat surface.

The same application process is followed in case ACRYL-DECO BASE or ACRYL-DECO SOLO is used instead for the leveling of the substrate.

Before applying ACRYL-DECO SOLO, the surface of DUROCRET-DECO FINISH is primed with the acrylic primer UNI-PRIMER or FLEX-PRIMER in a single layer. ACRYL-DECO SOLO is applied after the primer has dried.

2. Application of ACRYL-DECO SOLO

ACRYL-DECO SOLO is applied with a smooth, stainless steel trowel, in one or two layers, depending on the type of application, 1-2 mm each. One or two days after the application – provided that the surface is dry – the protective varnish should be applied.

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Application of the varnish

ACRYL-DECO SOLO is protected with 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 proving 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. 1.7 kg/m²/mm of layer thickness.

Packaging

5 & 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 SOLO, 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/EC (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 SOLO contains a maximum of 200 g/l VOC.

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CE

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EN 1504-02

DoP No.: ACRYL DECO SOLO /1290-01

Coating

Water vapour permability: Class I

Capillary absorption: $w < 0,1 \text{ kg/m}^2 \cdot \text{hr}^{0,5}$

Adhesion strength: $\geq 2,0 \text{ MPa}$

Reaction to fire: Euroclass F

Dangerous substances: comply with 5.3

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