

ACRYL-DECO BASE

Coarse base coat for the decorative coatings of the ACRYL-DECO range

Description

ACRYL-DECO BASE is a pasty, ready-to-use, coarse acrylic levelling and filling compound for use as a base coat prior to ACRYL-DECO FINISH or ACRYL-DECO SOLO decorative coatings. 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 BASE 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:	off-white
Application thickness:	2-3 mm
Density:	$1.75 \pm 0.05 \text{ kg/l}$
Adhesion:	$\geq 2.0 \text{ N/mm}^2$
Abrasion resistance:	AR0.5
Hardness (Shore D):	≥ 70
Capillary water absorption:	$\leq 0.1 \text{ kg} \cdot \text{m}^{-2} \cdot \text{h}^{-0.5}$

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.

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.

2. Application

ACRYL-DECO BASE is used as a levelling and filling layer on the substrate, in order to be covered with ACRYL-DECO FINISH or ACRYL-DECO SOLO. It is applied with a smooth stainless steel trowel in one layer, at a thickness 2-3 mm. In case ACRYL-DECO BASE must be reinforced (e.g. substrates subject to vibration or with severe cracks), the product is applied with a 10 mm notched trowel.

A 160 g/m^2 reinforcing fiberglass mesh is placed over the "combed" surface of ACRYL-DECO BASE, which is then embedded with the smooth side of the trowel, forming a relatively flat surface.

If ACRYL-DECO BASE is to be applied as final decorative layer, 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 BASE 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/m^2 per layer.

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

Consumption

Approx. 1.8 kg/m²/mm of layer thickness.

Packaging

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.
- It is recommended that ACRYL-DECO BASE should not be colored through ISOMAT COLOR SYSTEM.
- Please consult the safety instructions 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 BASE contains a maximum of 200 g/l VOC.



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EN 1504-02

DoP No.: ACRYL-DECO BASE /1291-01

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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