

IDEAL SKIN

Single-component acrylic surface coating

Description

IDEAL SKIN is a single-component material composed of fine acrylic resins and selected aggregates. It is not cementitious and is used to create a seamless 1,0 mm coating on floors, walls, furniture and all other solid surfaces.

Features

- Ready to use,
 - easy and quick application on all solid surfaces
 - excellent flexibility
 - high mechanical characteristics.
 - Easy colouring with Color-pack C
 - Suitable for bathrooms
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Fields of use

IDEAL SKIN is a clever, easy to use coating ideal for fine decorative surfaces in homes, shops, offices, showrooms, on furniture etc.

Surface preparation

Horizontal surfaces:

Based on the type and condition of the substrate (concrete, sand-cement, ceramic, self-leveling...), this must be prepared by sanding, shot blasting etc. and also be clean, rough, free from contamination, intact and perfectly level.

In pavements the substrate must have a compressive strength of at least 25 Mpa and pull off requirements of least 1.5 Mpa.

Respect any control joints that may exist in the substrate.

Preparation on sand and cement base

1. Sand with paper 24
2. Consolidation with IDEAL BINDER mixed with water 1:3
3. After 3 Hours (20°) apply 1 coat of IW-BLOCKER
4. After 4 hours application of Ideal Skin.

Preparation on a ceramic background

1. Always sand with diamond disc first.
2. Apply an 80-100 g/m² fiberglass mesh fixed with IW-BLOCKER
3. On a base with residual grouts, apply 2 coats of epoxy-coat with quartz broadcast (see further), on ceramic without any or with minimal grouts, just 1 coat is enough.

Preparation on concrete in the absence of rising damp

1. Sand or shotblast
2. Apply a coat of epoxy-coat with quartz broadcast (see further).

Preparation on concrete in the presence of rising damp

1. Sand or shotblast.
2. Apply a coat of BARRIERA CEM as a chemical vapour barrier.
3. Apply a coat of epoxy-coat with quartz broadcast (see further).

Preparation on self-levelling

1. Grind
2. Follow guidelines for sand and cement.

Application of Epoxy-Coat

Apply a very thin layer of Epoxy-Coat mixed with 20% quartz sand 0.1-0.5 mm onto the pretreated surface. Broadcast quartz 0.1-0.5 mm (about 4 kg/m²) recovering about 1.5 kg/m² for reuse. Limit the work area so that broadcasting can be completed whilst the resin is still wet.

The entire surface must be completely covered with quartz.

Always wear spiked shoes or cleats to walk on the surface.

Walls

The substrate must be prepared by grinding or sanding. It must be clean, rough, free from contamination, intact and perfectly level. Any joints must be previously smoothed with suitable products.

In the presence of cracks or gaps, apply a sheet of fibreglass mesh.

Preparation on a ceramic background

1. Always sand with diamond disc.
2. Smooth the joints with a suitable product.
3. Apply Primer R-R with a roller

Preparation on mortar plaster

1. Sand lightly with disc 60
2. Apply one Ideal Binder coat diluted 1:1 with water as a suction controlling primer.
3. Apply Primer R-R with a roller

Preparation on plasterboard panels

1. Apply one Ideal Binder coat diluted 1:1 with water as a suction controlling primer.
2. Apply Primer RR with a roller

The existing surface must be even and free from any trace of oil, grease, old paint and anything else that could compromise the correct adhesion of the coating. A thorough mechanical grinding of the surface may be recommended.

Imperfections to be levelled by scraping or grouting.

Application

Ideal Skin is a single-component ready to use product in neutral white.

For application on large surfaces or if the product appears to be dense before application, it is recommended to mix well. Up to 2% water can be added to improve workability of the material.

IDEAL SKIN is applied in two coats with a smooth steel or plastic spatula.

When using a steel trowel, dark grey lines will form as a result of the application process.

This will create a characteristic design on the material. If you prefer to have a uniform look we recommend the application of the final coat with a plastic trowel.

The product can be easily pigmented 3% for standard color (30 g IW COLOUR-PACK C per Kg IDEAL SKIN). Depending on desired color strength you can change the ratio.

Ideal Work disclaims any responsibility for the use of coloring systems not supplied by Ideal Work.

First Coat is applied mixed with 10% quartz 0,1-0,5 mm. Apply the material using a steel or plastic trowel at a 45° angle whilst applying pressure, leaving no excess material behind, until entire surface is covered.

After complete drying (4 hours at a temperature of 20°C), sand the surface with 120p NET sanding disc. Apply the second coat without quartz using a steel or plastic trowel at a 45° angle whilst applying pressure, leaving no excess material behind, until entire surface is covered. This process will determine the overall finish of the floor. To achieve a stronger pattern add with quartz the second coat too.

Avoid application at temperatures above 30 ° or below 10 ° or in conditions of relative humidity above 70%. Good ventilation promotes catalysis and speeds up processing times. Avoid the presence of dust in the construction site area and use overalls and shoe covers.

Surface Protection

Sealer can be applied after 12 h. Previously sand the floor with sand 120.

For the protection of the surface, the following products are recommended, please refer to the relevant technical data sheets and to the Ideal Work technical office for further information.

- IDEALPU WB EASY polyurethane water based in 2 coats. No WB primer to be applied

Maintenance

Use neutral detergents, preferably Ideal Work Perfect. The use of Ideal Care liquid wax combined with washing water helps maintain the colour over time. See the Ideal Work maintenance manual

https://www.idealwork.it/wp-content/uploads/2019/02/Cat_manutenzione_doppie-1.pdf

Technical Information

- Specific weight at 20°C (UNI EN ISO 2811) Kg / Lt 1.63 ± 0.05
- Brookfield viscosity at 20° (ASTM D 2198) Cps 135,000 ± 20,00
- Mixing ratio - single-component product
- Dilution - Max 2% Water
- Application temperature: between + 5°C and + 30°C

- Drying time: 4 hours per coat at 20°C (drying time can vary depending on temperature)
- Allow minimum 12 hours before applying sealer
- Allow minimum 24 hours after applying sealer before allowing foot traffic.

Consumption on screed

First Coat: 560g + 56 g (10%) quartz per m²

Second Coat: 380 g per m²

Color pack C: 30 g/m² (standard ratio)

For consumption on different supports contact the IW technical office

Packaging / Storage / Disposal

IDEAL SKIN is available in 10,0 l tins.

Quartz-sand 0,1-0,5 mm is available in bags 25 kg.

Shelf-life at storage temperature +15°/+20°C in sealed containers is 12 months

Store in a cool and safe place at a temperature of 15 - 20°C (59 – 68°F).

Avoid direct sunlight and keep containers tightly sealed. If packaging is already opened cover the top of the material with a sheet of plastic wrapping (like saranwrap) and cover the bucket tightly with original packaging lid to prevent contact with air.

Warnings

Avoid conditions that may encourage different setting times between areas, such as air currents and solar radiation. In the presence of underfloor heating, complete the ignition cycle beforehand and do not exceed 12°.

The separation between two IDEAL SKIN applications is carried out with the specific blue 5 cm canvas tape. This protects the adjacent part and creates a precise guide for the subsequent separation cut. The tape must be applied firstly before preparation with epoxy-coat, then before applying IDEAL SKIN. It will be removed before sanding once the material is completely dry. The cut will then be sealed with neutral silicone.

Any shrinkage cracks that formed in the substrate inevitably tend to be transmitted to the finishing layer. If the substrate is characterized by a 28 days shrinkage of more than 300µm / m (UNI 11307 for concrete and UNI 6687 for sand and cement or mortar substrates) it is advisable to wait for its complete curing and drying and seal any cracks with Epoxy-Coat before IDEAL-SKIN application.

Ideal Work declines all responsibility regarding the achievement of the declared performance for the system and the success of the work if it was not installed totally in accordance with these guidelines or with products not covered by them.

Ideal Work also declines all responsibility for the aesthetic aspect of the finished surface which depends on laying methods, processing times and the climatic conditions prevailing on the construction site at the time of application. The applicator must take these factors into account when applying the materials provided by the manufacturer.

Ideal Skin is not intended for public use; it is intended for use by experienced and trained applicators. The product is acrylic-based so avoid contact with skin, nose, eyes, etc. In case of accidental contact, wash thoroughly with soap and water and seek medical advice.



System Guidelines

It is recommended to use masks and gloves. In closed rooms, provide good ventilation and avoid the inhalation of dust. Soap and water are sufficient to wash hands and other body parts. Consult the safety data sheet.

DISCLAIMER

All information contained herein is based on the best and most recently available practical and laboratory testing. It is the customers responsibility to determine that the product is suitable for their chosen application. The manufacturer assumes no responsibility for the results of incorrect applications. You should always test on a small area before full scale application. This document replaces all previous versions. The data can be changed at any time. Also note that the products are intended for professional use only. Ideal Work provides training, updates and refresher courses for their regular customers on request. Anyone using these products without being enabled does so at their own risk.

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