

decoFINISH-LP

DESCRIPTION

decoFINISH-LP is a penetrating sealer for concrete, which enhances the oil and stain resistance.

decoFINISH-LP is designed for concrete floors which are polished up to diamond #1500 or more and other very dense concrete surfaces like Vietnamese cement tiles.

decoFINISH-LP gives a beautiful gloss and shine to the surface.

decoFINISH-LP is water based, non-toxic, non-hazardous and VOC compliant in all areas of the world.

KEY BENEFITS OF decoFINISH-LP

- Makes the surface harder and more abrasion - and stain resistant.
 - Easy to apply. Easily penetrates the concrete surface.
 - Creates a beautiful long lasting gloss to the surface, making it much easier to clean.
 - Reapplication at high traffic areas is possible without causing ugly patches or build up.
 - Rubber tire marks are easy to removed.
 - Enhances the colors of decorative concrete.
 - Qualifiabel for LEED points.
 - Water based, VOC free and ecofriendly.
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USES

CONCRETE FLOORS OF:

- Factories: furniture, electronical parts, garments, shoes.
- Warehouses & Hangars: food and beverage, airplanes, retail, etc
- Hypermarkets
- Parking garages
- COMMERCIAL: Restaurants, stores, shopping malls, etc.

DECORATIVE CONCRETE:

- Cement tiles, paving blocks, stamped concrete.
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ESTIMATED COVERAGE

First coat: 70 - 80m²/Kg

Second coat (if necessary): 80 - 100m²/Kg

APPLICATION INSTRUCTION

STEP 1: SURFACE PREPARATION

Surfaces should be cleaned and free of dust, loose particles, grease, stains or anything which could prevent the product penetrating the surface.

In case of Vietnamese cement tiles:

- Recommended surface preparation is carried out by sanding the surface in order to get rid of contamination and open the pores.
- Surface areas should be dry so the product can penetrate.

In case of polished concrete or Terrazzo:

- Surface should be polished up to grit 1500 or higher.

STEP 2: APPLICATION OF decoFINISH-LP

Lightly stir before each use. Do not over mix or bubbles and/or foaming can occur making uniform application more difficult.

Use a pump up sprayer or HVLP sprayer, and spray lightly over the top of the area to be treated. Then spread material thinly and evenly using a micro fiber pad. The micro fiber pad or cloth should be dampened with water before application.

Spread at a rate of 80m²/kg depending on porosity of the surface. Do not work the material into the surface, spread it out and leave it.

Usually 1 coat is enough since the surface is very dense.

Allow the application to dry at least 15 to 30 minutes between coats or before using. Buffing with a high-speed burnisher (1500-2100 rpm) and a heat pad between coats is recommended and will speed up curing time and improve sheen.

Texture and absorption of the surface will determine the final coverage rates of the product. Porous concrete surfaces may require additional material for effective cover.

The surface is walk able within 30 minutes of application, however do not allow heavy traffic on the floor and avoid contact with water until 24 hours after application.

***** IMPORTANT : DO NOT OVER APPLY. VERY THIN COATS ARE BEST.**

CLEAN UP

Wash equipment with soap and water. Although decoFINISH-LP is non-toxic and environmentally friendly, it does contain alkaline. Use the material completely or dry it out and dispose of it properly per local regulations. Do not pour down sanitary sewers or into storm drains.

MAINTENANCE

For restaurants, residential and commercial floors, regular sweeping, mopping, washing and mechanical scrubbing of floors with water and decoSOAP is recommended. Use warm water for more effective and efficient cleaning. DO NOT USE cleaners that are acidic or that have citrus (d-Limonene) or Butyl compounds. Although decoFINISH-LP is chemically resistant and helps reduce staining, some compounds, especially acids, may damage the surface, and therefore it may not be suitable for some applications. If unsure, check with a Deco Crete technical representative. Regular maintenance and cleaning will help prolong surface shine. Wipe up any chemical spills as soon as possible.

HEALTH & SAFETY INFORMATION

KEEP OUT OF REACH OF CHILDREN

Dispose of waste material in accordance with local requirements. Although the material is non-toxic and non-hazardous, the treatment contains alkaline and may cause eye and skin irritation. Wear eye protection and gloves. If splashed in eyes, rinse with water and consult a doctor if irritation persists.

Wash promptly from skin. Avoid contact with eyes. Protective clothing is recommended. Surfaces may be slippery when wet with product.

PROPERTIES OF THE PRODUCT

Indicative values

Active Solid Content	15 %
Specific Gravity (g/cm ³)	1.06
pH	10.6
V.O.C Content	< 1g/L
Flash Point	N/A
Freeze Point	0°C
Shelf Life	1 year in unopened factory sealed container

**MECHANICAL /
PHYSICAL
PROPERTIES OF
CONCRETE
TREATED WITH
decoFINISH-LP**

Indicative values

Internal Test

Abrasion Test	60% Increase of the abrasion resistance for concrete grade 250 (TCVN). Taber abrader, H 22 Wheel, 1000 cycles, 1000 gram load (ASTM D 4060)
Hardness Test	Moh's hardness increases from 4 to 7 for concrete grade 250 (TCVN).
Gloss Test	Gloss increases from 4,5 GU to 82 GU as a part of a system with decoFINISH. Gloss measurement with geometrical angle of 85 (ASTM D 523)

External Test: SGS INTRON, Netherlands

Abrasion Test	60% Increase of the abrasion resistance Taber abrader, H 22 Wheel, 1000 cycles, 1000 gram load (ASTM D 4060)
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External Test: QUATEST 3, VIET NAM

Abrasion Test	63 % Increase of abrasion resistance. (TCVN 3114-1993)
Hardness Test	Moh's hardness increases from 4 to 6. (TCVN 6415-18 - 2005)

External Test: Anderson Materials, US

Skid Resistance	Wet SCOF of 0,6. (tested with a SKID meter in accordance with ASTM 1028 -07 and F 609-05). The minimum value of Static Coefficient Of Friction (SCOF) is 0,5 (criteria established in ASTM D 2047)
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CAUTION

FOR PROFESSIONAL USE ONLY

- Protect from freezing. Agitate before use. Do not allow standing water to dwell on surface for 7 days following application. Do not allow traffic on surface until it is dry.
- decoFINISH-LP will not bridge or fill cracks, and will not salvage honeycombed or structurally unsound surfaces. decoFINISH-LP quickly bonds to most surfaces including metal, wood, glass, and paint.
- Protect adjacent surfaces. Remove overspray quickly with a damp cloth and soap.
- Always do a test patch before beginning the job to verify coverage, appearance, and surface material variations.
- Check the website from the manufacturer for the latest update from this TDS.

PACKAGING

- 25kg Plastic containers.
 - 200kg Drum.
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