

decoSTAINSTOP

DESCRIPTION

decoSTAINSTOP is a breathable and invisible penetrating sealer for concrete and natural stone surfaces, containing colloidal silica and high performance acrylic binders, which enhances the hardness, oil and stain resistance.

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

decoSTAINSTOP enhances the color intensity of natural, and cast stone, as well as integrally colored, dyed, or acid stained decorative concrete.

KEY BENEFITS OF decoSTAINSTOP

- Makes the surface more abrasion resistant and highly oil & stain resistant.
 - Makes the surface easier to clean.
 - Easy to apply. Easily penetrates the surface. Surface walkable within 30 min.
 - decoSTAINSTOP is breathable. Will not peel or flake like epoxies and other coatings.
 - Reapplication at high traffic areas is very simple without causing ugly patches or build up.
 - UV resistant. Can be used both indoors and outdoors.
 - If used outdoors, it impedes the growth of moss, mold and mildew.
 - Water based product. Not moisture sensitive.
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USES

CONCRETE FLOORS AND WALLS OF:

- Factories: furniture, food, electronics, garments, shoes, etc.
- Warehouses and hangars: food and beverage, airplanes, retail, etc.
- Parking garages
- Commercial: Restaurants, stores, shopping malls, hypermarkets etc.

NATURAL STONE:

- Blue stone, slate, marble

DECORATIVE CONCRETE and TERAZZO:

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

100 to 200 grams per m² (5 to 10 m² per kg) depending on surface

APPLICATION INSTRUCTION

1: SURFACE PREPARATION

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

Recommended surface preparation is carried out by sanding the surface in order to get rid of contamination and to open the pores of the surface. Depending on the surface, high pressure water cleaning can also serve as a surface prep, prior to application of decoSTAINSTOP.

Alternatively, on concrete, one could use decoPREP, an organic acid solution, to open up the pores of concrete in order to increase the adhesion

2: APPLICATION OF decoSTAINSTOP

Floor:

Stir and agitate the container with products prior to usage.

Use a pump up sprayer or HVLP sprayer, and spray lightly over the top of the area to be treated.

Spread at a rate of 10 to 20 m²/kg. depending on porosity and roughness of the surface. If the surface is very smooth, like in the case of terrazzo or polished concrete, the material can best be spread by a microfiber pad. Do not work the material into the surface, spread it out and leave it. Always apply in 2 layers, in order to get a usage of 5 to 10 m²/kg

Allow each application to dry at least 15 to 30 minutes between coats.

A floor is walkable within 30 minutes of application, however, do not allow heavy traffic on the floor and avoid contact with water until 48 h after application.

Walls: spray decoSTAINSTOP with a HVLP sprayer at a rate of 5 to 20 m² depending on the requirements.

IMPORTANT Do not over apply.

CLEAN UP

Wash equipment with soap and water. Although decoSTAINSTOP 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

If the floor is cleaned well decoSTAINSTOP will last for many years. Occasional re-application may be needed after 2 or more years depending on the usage of the floor. Since decoSTAINSTOP is a penetrating sealer, reapplication is easy and does not cause build up.

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 decoSTAINSTOP 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. Wear eye protection and gloves. If splashed in eyes, rinse with water and consult a doctor if irritation persists

Wash promptly from skin. Do not take internally. If swallowed, do not induce vomiting drink water and call a physician. 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	1.02
pH	8 to 9
V.O.C Content	<10 g/L
Flash Point	N/A
Freeze Point	0°C
Shelf Life	1 Year in unopened factory sealed container

Indicative values

**MECHANICAL/
PHYSICAL
PROPERTIES OF
CONCRETE
TREATED WITH
decoSTAINSTOP**

Internal Test

Abrasion Test

30 % Increase of abrasion resistance.

Skid resistance

Wet SCOF of 0,669. (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)

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.
- decoSTAINSTOP will not bridge or fill cracks, and will not salvage honeycombed or structurally unsound surfaces.
- decoSTAINSTOP 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.
- ***Always test the material first on the actual surface prior to application. Every concrete and natural stone surface is different and the usage or application method may be adapted to the actual condition of the surface.***

PACKAGING

25 kg plastic containers.
200 kg Drum.
1000 kg IBC