

IsoDeck

Special interior paint with shut-off effect against nicotine staining.



Product Description

Field of Application

Special interior paint for quick and environmentally compatible renovation of nicotine stained walls and ceilings. IsoDeck has a shut-off effect against nicotine discolouration, that would lead to visible stains when common water-dilutable interior paint is used.

IsoDeck is solvent-free and fast-drying, hence most suitable for living rooms, offices, restaurants, hotels etc., since no long waiting times must be respected and no unpleasant odour occurs.

Ideal problem solvers: If used in combination with primer Caparol AquaSperrgrund, even problematic jobs (e.g. renovation of surfaces stained with nicotine and/or dried water, soot or fat/grease), can be handled in an environmentally compatible way.

Material Properties

- Solvent-free, unplasticized.
- Water-dilutable, environmentally compatible, low odour.
- Good shut-off properties.
- Diffusion-capable.
- sd-value < 0.1 m

Material Base / Vehicle

Synthetic resin dispersion/emulsion according to German standard DIN 55945.

Packaging/Package Size

- **Standard Product:** 12.5 litres

Colours

White.

IsoDeck can be tinted to a max. of 10 % with CaparolColor or AmphiColor® (AVA) colourants.

If more than one bucket is manually tinted, all product must be thoroughly mixed before use to avoid colour differences.

Gloss Level

Dull matt (Dead-matt according to DIN EN 13 300)

Storage

Keep in a cool, but frost free place.

Technical Data

Characteristics according to DIN EN 13 300:

Tinting may cause variations.

- Wet abrasion: Wet scrub resistance Class 2, corresponds to "scrub resistant" as per German standard DIN 53778
- Contrast ratio: Opacity (hiding/covering power) Class 1, with a spreading rate of 8 m²/l or 125 ml/m²
- Maximum particle (grit) size: Fine (< 100 µm)
- Density: Approx. 1.5 g/cm³



TECHNICAL INFORMATION NO. 848

Suitability according to
Technical Information No. 606
Definition of Application Areas

Interior 1	Interior 2	Interior 3	Exterior 1	Exterior 2
+	+	-	-	-
(-) inapplicable / (○) of limited suitability / (+) suitable				

Application

Suitable Substrates

The substrate must be sound/stable, dry, clean, and free from all substances that may prevent good adhesion. In Germany: Follow VOB, part C, DIN 18363, section 3.
Wash off nicotine, soot and fat/grease stains with tap water, adding a fat-dissolving household cleaning agent, and allow to dry well. Clean dried-up water stains by dry brushing-off.

Method of Application

Apply with paint brush, paint roller or suitable paint spraying equipment.

Airless application:

Spay angle: 50° Nozzle size: 0.021" - 0.025" Spray pressure: 150 - 180 bar
Clean tools/equipment immediately after use with water.

Surface Coating System

Surfaces with normal nicotine contamination:

One even, liberally applied coat of IsoDeck, diluted to a max. of 5 % with tap (potable) water.
On surfaces with a high colour contrast: One previously applied priming coat of IsoDeck, diluted with 5-10 % of tap water.

Prime highly porous, sanding, highly absorbent substrates with OptiGrund or CapaSol.
Prime unevenly absorbent surfaces with Caparol AquaSperrgrund or Caparol-Haftgrund.

Surfaces highly stained with nicotine and/or water, soot and fat/grease:

Prime with Caparol AquaSperrgrund, undiluted. Allow to dry well (min. 12 hours), then apply one or two coats of IsoDeck, diluted to a max. of 5 % with tap water.

Consumption

Caparol AquaSperrgrund approx. 110 ml/m² and IsoDeck approx. 125 ml/m² per coat on smooth surfaces. On roughly textured substrates correspondingly more.

Application Conditions

Lower Temperature Limit for Application and Drying:

+5 °C for product, substrate and ambient air.

Drying/Drying Time

At +20 °C and 65 % relative humidity Caparol AquaSperrgrund is recoatable after approx. 12 hours and IsoDeck after 4–6 hours. Lower temperatures and higher humidity extend the drying time.

Tool Cleaning

Clean tools immediately after work with tap water.

Note

For extremely contaminated or stained surfaces or rooms that must be renovated and completed within one day, we recommend the highly covering and low odour paint Dupa-inn for quick renovation. Follow Technical Information No. 385.

Stir well and sieve the paint for airless application.

Touching up surfaces is depending on many parameters and may be visible after drying.
(In Germany: See BFS Data Sheet No. 25)

Advice

German Certificates

The Fraunhofer Wilhelm-Klauditz-Institute (WKI) has audited the inoffensive application for interior use. The product is certified with German TÜV (Technical Supervisory Association) quality mark "pollutant-tested / supervised manufacturing process". German certificate is available on request.

Please Note (Status as at Date of Publication)

Keep out of reach from children. Ensure good ventilation during use and drying. Do not eat, drink or smoke while using the product. In case of contact with eyes or skin, immediately and thoroughly rinse with water. Do not allow product to enter drains, waterways or soil. Clean utensils immediately after use with soap and water. Do not breathe spray dust.
Further information: See Material Safety Data Sheet (MSDS).

Contains: 1,2-benzisothiazol-3(2H)-one, 2-methyl-2H-isothiazol-3-one. May produce an allergic reaction.

In Germany: Advice for allergy sufferers with isothiazolinone allergy: Hotline 0180/5308928 (0.14 €/minute from German landline, MTS max. 0.42 €/minute).

Disposal

Materials and all related packaging must be disposed of in a safe way in accordance with the full requirements of the local authorities. Particular attention should be made to removing wastage from site in compliance with standard construction site procedures.

In Germany: Only completely empty containers should be handed in for recycling. Dispose containers with residues of liquid product via waste collection point accepting old paints and enamels. Dispose dried/hardened product residues as construction site/demolition/municipal or domestic waste.

EU limit value for the VOC content

of this product (category A/a): 30 g/l (2010). This product contains < 1 g/l VOC.

Product Code Paints and Enamels

M-DF01 (Germany)

Substances of Content - Declaration

Polyvinylacetat resin dispersion/emulsion, calcium carbonate, titanium dioxide, silicates, water, additives, preservative (Methylisothiazolinone, Benzisothiazolinone).

TECHNICAL INFORMATION NO. 848

Customer Service Centre

Tel.: +49 6154 71-71710

Fax: +49 6154 71-71711

e-mail: kundenservicecenter@caparol.de

International Distribution: Please see www.caparol.com



Technical Information No. 848 · Issue: March 2022

All suggestions and application instructions herein are based on our latest technical experience. Due to the wide variety of individual project conditions, we cannot be held responsible for their content. These instructions do not release the purchaser/ applicator from his responsibility to determine the suitability of the product in consideration of the project characteristics. These instructions are to be considered void when a new edition is released. Our general conditions of sale and delivery in their latest edition apply. This document is a translation of our German Technical Information No.848 · IsoDeck · Issued: March 2022

CAPAROL Farben Lacke Bautenschutz GmbH · Roßdörfer Straße 50 · D-64372 Ober-Ramstadt · Internet www.caparol.com · E-Mail info@caparol.de