

# Indeko-plus

A class of its own – extremely economical and cost-efficient.



## Product Description

Field of Application	Top-quality coating for all internal wall and ceiling surfaces. Indeko-plus has twice the covering power, so that one coat is generally enough. It dries very quickly without odour, making it particularly suitable for properties that need to be rapidly painted or renovated and then used or occupied again quickly. Hospitals, retirement homes, department stores, hotels, nursery schools, doctors' practices, local authorities and private homes are the preferred areas of use for Indeko-plus coatings, since the users or occupiers will not be disturbed by any paint odour.
Material Properties	<ul style="list-style-type: none"> <li>■ preservative-free</li> <li>■ free from fogging-active substances</li> <li>■ extremely easy to touch up</li> <li>■ double coverage</li> <li>■ very high whiteness</li> <li>■ slightly filling, no yellowing</li> <li>■ diffusion-capable, <math>s_d</math> value &lt; 0.1 m</li> </ul>
Material Base / Vehicle	Synthetic emulsion as specified in DIN 55945
Packaging/Package Size	<ul style="list-style-type: none"> <li>■ <b>Standard product:</b> 2.5 l, 5 l, 10 l, 12.5 l</li> <li>■ <b>ColorExpress:</b> 1,25 l, 2,5 l, 5 l, 7,5 l, 12,5 l</li> </ul>
Colours:	<p>White</p> <p>Indeko-plus is tintable with CaparolColor colourants or AmphiColor® full and tint colours. If colouring yourself, mix total quantity required in order to avoid colour differences. Quantities of 100 litres or more in one colour and one order can also be ordered pre-tinted ex factory.</p> <p>Indeko-plus can be tinted using the <b>ColorExpress machine system</b> according to all current collections. To check any tinting errors, please check colour mix before applying. Always use colours from one batch on continuous wall surfaces. If shades with a lower opacity are used, such as red, orange or yellow, we recommend the use of a primer with Indeko-plus or Caparol-Haftgrund in the appropriate primer system colour. The corresponding primer system colours are available via the ColorExpress system. A second finishing coat might be necessary. Tinting means that the preservative-free property of Indeko-plus is no longer guaranteed.</p>
Gloss Level	Dull matt (according to DIN EN 13 300)
Storage	Keep in a cool, but frost-free place.
Technical data	<b>Characteristics according to DIN EN 13 300:</b> Deviations in the key technical data are possible because of the tinting.



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

- Wet scrub resistance: Class 1, corresponds to "scrub-resistant" according to DIN 53778
- Contrast ratio: Opacity class 1 with a consumption of 8 m<sup>2</sup>/l or 125 ml/mg
- Maximum particle size: fine (< 100 µm)
- Density: approx. 1.4 g/cm<sup>3</sup>

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

## Application

Suitable substrates

Substrates must be dry, clean and free from all substances that may prevent good adhesion. Follow VOB, Part C, DIN 18363, section 3.

Substrate preparation

**Renders/Plasters in Mortar Groups PII and PIII/Compressive Strength according to DIN EN 998-1: min. 2 N/mm<sup>2</sup>:** Firm, normally absorbent renders/plasters can be coated without pre-treatment. Apply a primer coat to highly porous, crumbling, absorbent renders/plasters using OptiGrund or CapaSol.

Renders/Plasters in Mortar Groups PIV/Compressive Strength according to DIN EN 99813279: min. 2 N/mm<sup>2</sup>: Gypsum plasters with sinter skin must be sanded, dust must be removed and Caparol-Tiefgrund TB special primer applied.

**Gypsum Wallboards:**

Prime absorbent boards with OptiGrund or Caparol-Tiefgrund TB special primer. Prime highly compact, smooth/even boards with Caparol-Haftgrund to promote adhesion.

**Gypsum Plasterboards (Sandwich-Type Plasterboards/Drywalls):**

Sand/grind off burrs. Prime and strengthen soft gypsum areas (repair patches) with Caparol-Tiefgrund TB. Apply one priming coat of Caparol-Haftgrund, OptiGrund or CapaSol. Boards containing water-soluble content that leaves marks (discolouring substances) must be primed with Caparol AquaSperrGrund. Follow BFS Data Sheet No. 12.

**Concrete:**

Remove all residues of form release agents and chalking or sanding substances.

**Porous concrete:**

One coat of primer with Capaplex, diluted 1:3 with water.

**Sand-Lime Brickwork and Fair-Faced Brickwork (Brick Masonry):**

Coat without any pre-treatment

**Sound/Stable Existing Coatings:**

Matt, slightly absorbent coatings can be treated without pre-treatment. Roughen glossy surfaces and enamel coatings. Primer coating with Caparol-Haftgrund primer.

**Unsound Existing Coatings:**

Remove unsound coatings of enamel and dispersion/emulsion paint or synthetic resin bound coatings. Prime slightly absorbent, smooth surfaces with Caparol-Haftgrund. Apply a primer coat to highly porous, crumbling, absorbent surfaces using OptiGrund or CapaSol. Remove unsound mineral coatings mechanically and remove dust from surface. Prime with Caparol-Haftgrund primer.

**Glue-Bound Distemper (Limewater Colour):**

Wash thoroughly. Prime with Caparol-Haftgrund primer.

**Unpainted Woodchip, Relief or Embossed Wallpapers:**

Coat without any pre-treatment

**Non-Adherent Wallpapers:**

Remove completely. Wash off all residues of wallpaper paste and waste paper. Prime with Caparol-Haftgrund primer.

**Mildewed Surfaces:**

Remove fungi or mould by wet cleaning. Clean surfaces with Capatop or FungiGrund and allow to dry thoroughly. Prime according to type and condition of substrate. Apply a finishing coat of Indeko-W, Malerit-W or Fungitex-W to badly infested surface. Comply with the legal and official regulations (e.g. Ordinance on biological agents and hazardous substances).

**Surfaces Stained by Nicotine, Water, Soot or Grease:**

Remove nicotine, soot or grease marks with water adding a fat-dissolving household detergent and allow the substrate to dry thoroughly. Clean dried water stains with a dry scrubbing brush. Apply an insulating primer of Caparol AquaSperrgrund. Apply a finishing

coat of Aqua-inn No. 1  
on highly soiled surfaces.

	<p><b>Wood and Wood Materials:</b> Coat with water-dilutable, ecologically compatible Capacryl acrylic enamels or Capacryl PU enamels.</p> <p><b>Small defects:</b> After completing the necessary preparation work, repair small defects with Caparol Akkord and then prime if necessary.</p>
Method of application	Apply with paint brush, paint roller or airless spray equipment. <b>Airless application:</b> Spray angle: 50°; nozzle 0,018–0,021"; spray pressure: 159-180 bar Clean tools/equipment with water immediately after use.
Surface coating system	One evenly, generously applied coat of Indeko-plus, undiluted or diluted to a max. of 5% with On surfaces with a high colour contrast, one previously applied priming coat, diluted with max. 10 %, may be necessary. Prime unevenly absorbent substrates with Caparol-Haftgrund
Consumption	Approx. 125 ml/m <sup>2</sup> per coat on an even substrate. Correspondingly more on rough surfaces. Determine exact amount of material required by coating a test area.
Application Conditions	<b>Lower temperature limit for Application and Drying:</b> +5°C for ambient air and substrate.
Drying/Drying Time	At +20°C and 65% rel. humidity, surface-dry and recoatable after 4-6 hours. Completely dry and load-bearing after approx. 3 days. Lower temperatures and higher humidity extend these times.
Note	To avoid lapping, the product should be applied wet-on-wet and without interruption. With and sieve. A typical solvent odour may occur if Caparol-Tiefgrund TB is used indoors. Interiors must therefore be well ventilated. In sensitive areas, use non-aromatic, low-odour AmphiSilan Putzfestiger. Mechanical loads (scratching) may lead to on <b>dark-coloured</b> surfaces. The application of an additional protective finishing coat of in the same shade is recommended for intensively coloured surfaces subjected to mechanical loads. Please follow Technical Information No. 382 PremiumColor. Marks from repairs in the surface depend on many different factors and are therefore inevitable (BFS Data Sheet 25).

## information

Certificates	The Fraunhofer Wilhelm-Klauditz-Institute (WKI) has audited the inoffensive application for interior. The product is certified with German TÜV quality mark "pollutant-tested / supervised" is available online.
Please note (Status as at Date of Publication)	Keep out of reach of children. Ensure good ventilation during application and drying. . Do not eat, drink or smoke while using the product. In case of contact with eyes or skin, rinse thoroughly with water immediately. Do not allow product to enter drains, waterways or soil. Clean tools immediately after use with soap and water. Do not breathe in spray mist. Use A2/P2 combination. The coating is highly alkaline. Skin and eyes should therefore be protected against paint splashes. The areas adjoining the surface to be coated must be carefully masked. Remove metal, natural stone immediately with water. Further information: See Safety Data Sheet.
Disposal	Only completely empty containers should be taken for recycling. Disposal of liquid material, old paints/enamels, and dried/hardened product residues as construction site/demolition or municipal/domestic waste.
EU limit value for the VOC content	of this product (cat. A/a) 30 g/l (2010). This product contains max. < 1 g/l VOC.
Giscode	BSW10
Product Code Paints and Enamels	out-of-date: M-DF01
Substances of Content – Declaration	Polyacrylic resin, alkali soluble glass, titanium dioxide, silicates, water, additives
Technical Assistance	It is impossible to list the wide variety of substrates and their specific problems in this information leaflet. If substrates are to be coated that are not listed in this Technical Information, please contact us or our technical sales staff. We will happily provide you with detailed, specific advice.
Customer Service Centre	Tel.: +49 6154 71-71710 Fax: +49 6154 71-71711 e-mail: kundenservicecenter@caparol.de

### Technical Information No. 310 - Issue: May 2017

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/appliator for his responsibility to determine the suitability of the product in consideration of the project characteristics. This document is a translation of our German Technische Information Nr. 64. These instructions are to be considered void when a new edition is released. You can check whether this version is the most recent at [www.caparol.de](http://www.caparol.de)