

# IndekoGeo

Premium interior paint to obtain dull matt surfaces, conserving resources.



## Product Description

Field of Application	Premium interior paint for high-quality coatings on all common internal walls and ceilings. Extremely good spreading rate, highly efficient and currently conserving resources. Emission minimised and solvent-free. IndekoGeo has double hiding/covering power (opacity), hence in most cases one evenly and liberally applied coat is sufficient. The paint dries very fast without emitting any offensive odour and is therefore particularly suitable when time is pressing and occupants or users are not to be incommoded by the smell of fresh paint, e.g. painting or redecoration in hospitals, nursing/rest homes, warehouses, hotels, restaurants, offices, schools, playschools, surgeries, public buildings and private living quarters.
Material Properties	<ul style="list-style-type: none"> <li>■ Water-dilutable, conserving resources.</li> <li>■ Low odour, emission minimised.</li> <li>■ Free of fogging-active substances.</li> <li>■ Easy to touch up.</li> <li>■ Double hiding power.</li> <li>■ Very high degree of whiteness.</li> <li>■ Easy to apply.</li> </ul>
Material Base / Vehicle	For binder production of this dispersion/emulsion the required raw materials are completely substituted by renewable primary products (100 % as per mass balance method). Further details: <a href="http://www.caparol.de/capageo">www.caparol.de/capageo</a>
Packaging/Package Size	■ <b>Standard Product:</b> 5 l, 12.5 l
Colours	White.  IndekoGeo is tintable with CaparolColor or Amphicolor® (AVA) colourants. If more than one bucket is manually tinted, all product must be thoroughly mixed before use in order to avoid colour differences.
Gloss Level	Dull matt (Dead-matt as per DIN EN 13 300)
Storage	Keep in a cool, but frost-free place. Shelf life: approx. 12 months.
Technical Data	<p><b>Characteristics according to DIN EN 13 300:</b> Tinting may cause variations.</p> <ul style="list-style-type: none"> <li>■ Wet abrasion: Wet scrub resistance Class 1, corresponds to "scrub resistant" as per German standard DIN 53778</li> <li>■ Contrast ratio: Opacity (hiding/covering power) Class 1, with a spreading rate of 8 m<sup>2</sup>/l or consumption of 125 ml/m<sup>2</sup></li> <li>■ Maximum particle (grit) size: Fine (&lt; 100 µm)</li> <li>■ Density: Approx. 1.4 g/cm<sup>3</sup></li> </ul>



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  
  
Substrate Preparation

The substrate must be sound/stable, dry, clean, and free from all substances that may prevent good adhesion. Germany: Follow VOB, part C, DIN 18363, section 3.

**Plasters in Mortar Groups/Classes PII (Lime-Cement Mortars) and PIII (Cement Mortars) / Minimum Compressive Strength according to DIN EN 998-1: 2 N/mm<sup>2</sup>:**

Solid plasters with normal absorbency require no preliminary treatment. Prime highly porous, sanding and absorbent plasters with OptiGrund or CapaSol.

**Gypsum and Ready-Mixed Gypsum Plasters in Mortar Group P IV / Minimum Compressive Strength according to DIN EN 13279: 2 N/mm<sup>2</sup>:**

Prime with Caparol-Haftgrund. Sintered plasters: Sand/grind off sintered skin and remove all abrasive dust, then apply one priming coat of Caparol-Tiefgrund TB.

**Gypsum Wallboards:**

Prime absorbent boards with OptiGrund or Caparol-Tiefgrund TB. Prime highly compact, smooth boards with Caparol-Haftgrund to enhance adhesion.

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

Sand/grind off filler (mortar) burrs. Prime and strengthen soft gypsum areas (repairs) with Caparol-Tiefgrund TB. Prime with Caparol-Haftgrund, OptiGrund or use CapaSol. Boards containing water-soluble, discolouring substances that leave marks must be primed with Caparol AquaSperrgrund. Germany: Follow BFS-Merkblatt (Data Sheet) No. 12.

**Concrete:**

Remove all residues of separating agent (formwork oil residues) and chalking or sanding substances.

**Autoclaved Aerated Concrete (AAC) / Cellular Concrete:**

Prime with a 1 : 3 mixture of Capaplex and tap (potable) water.

**Facing Brickwork or Fair-Faced Calcium Silicate Brick Masonry:**

No preliminary treatment required.

**Stable Existing Coatings:**

Matt, slightly absorbent coatings can be treated without a preliminary preparation. Roughen/sand glossy surfaces and enamel coatings. Prime with Caparol-Haftgrund.

**Unstable Existing Coatings:**

Carefully remove unstable coatings of enamel, dispersion/emulsion paint or synthetic (organic) plaster. Prime slightly absorbent, smooth surfaces with Caparol-Haftgrund. Prime highly porous, sanding or absorbent substrates with OptiGrund or CapaSol. Remove unstable mineral paint coatings by mechanical means and remove dust. Prime with Caparol-Tiefgrund TB.

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

Wash off the existing coating very thoroughly, allow to dry and prime with Caparol-Tiefgrund TB.

**Unpainted Woodchip/Ingrain Wallpapers, Relief or Embossed Wallpapers (made of Paper):**

No preliminary treatment required.

**Non-Adherent Wallpapers:**

Remove completely and wash off all residues of wallpaper paste/glue and waste paper. Prime the substrate with Caparol-Tiefgrund TB.

**Mildewed Surfaces:**

Remove fungal attack (fungi/mildew/mould) by wet cleaning, then use Capatox or FungiGrund and allow to dry thoroughly. Prime according to the type and condition of the substrate. Apply a finishing coat of Indeko-W, Malerit-W or Fungitex-W on heavily mould affected surfaces, in compliance with legal/local and official regulations (follow e.g. Ordinance on Biological Agents and Ordinance on Hazardous Substances).

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

Wash off nicotine, soot or fat/grease stains with tap water, adding a fat-dissolving household cleaning agent, then allow the surface to dry well. Clean dried-up water stains by dry brushing off. Apply an insulating priming coat of Caparol AquaSperrgrund. Use Aqua-inn N°1 for finishing coat on highly soiled surfaces.

## Wood and Derived Timber Products:

Coat with water-dilutable (waterborne), ecologically compatible Capacryl acrylic enamels or Capacryl PU enamels.

## Small Defects:

After having completed the necessary preparations, repair small defects with filler Caparol-Akkordspachtel in accordance with our processing specification, and if necessary, prime subsequently.

Method of Application

Apply with paint brush, roller or spray with airless equipment.

## Airless application:

Spray angle: 50°; Nozzle size: 0.018" - 0.021"

Spray gun pressure: 150 to 180 bar

Clean tools/equipment immediately after use with water.

Surface Coating System

One even, liberally applied coat of IndekoGeo, undiluted or diluted to a max. of 5 % with tap (potable) water. Surfaces with colour contrast: One previously applied coat of product, diluted to a max. of 10 % with tap water. Prime unevenly absorbent substrates with Caparol-Haftgrund.

Consumption

Approx. 125 ml/m<sup>2</sup> per coat on smooth substrates. On roughly textured surfaces correspondingly more. Determine the exact amount of material required by coating a test area on site.

Application Conditions

**Low Temperature Limit for Application and Drying:** +5 °C for product, substrate and ambient air.

Drying/Drying Time

At +20 °C and 65 % relative humidity surface-dry and recoatable after 4 - 6 hours. Completely cured and ready for stress after approx. 3 days. Lower temperatures and higher relative humidity extend the drying time.

Note

To avoid lapping, the product should be applied wet-on-wet and without interruption. Stir and sieve well before airless spray application.

When using Caparol-Tiefgrund TB in interiors, a typical solvent odour is released, hence proper ventilation must be provided during the application. Use non-aromatic, low-odour AmphiSilan-Putzfestiger in sensitive areas.

Touching up surfaces is depending on many parameters and may be visible after drying.

Germany: See BFS-Merkblatt (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 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. Use A2/P2 combination filter for paint spraying. Further information: See Material Safety Data Sheet (MSDS).

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.

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

Polystyrene acrylic resin (emulsion), potassium, titanium dioxide, silicates, calcium carbonate, water, additives.

Technical Assistance

As it is impossible to list herein the wide variety of substrates and their specific problems, please request our technical assistance in case of queries. We will describe appropriate working methods, if a substrate not specified above is to be coated.

Customer Service Centre

Tel.: +49 06154- 71 7 1710

Fax: +49 05154- 71 7 1711

e-mail: kundenservicecenter@caparol.de

International Distribution: Please see [www.caparol.com](http://www.caparol.com)

## Technical Information No.950 · Issue: July 2016

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.950 · IndekoGeo · Issued: June 2016