

# Indeko-W

Matt, synthetic resin based interior paint with long-term film protection against fungal attack. Wet scrub resistance class 2, corresponds to "scrub-resistant" as per DIN 53778.



## Product Description

Field of Application	Suitable for high-quality paint coats on interior surfaces already attacked or endangered of being attacked by mould growth (fungi, mildew) in industrially used damp locations, e.g. breweries, creameries, slaughterhouses, canneries, etc. and for supporting the hygiene in private living areas. Tested & approved according to AgBB testing criteria for VOC emissions from building material that is used for interior work. Given VOC limit values are underrun.
Material Properties	<ul style="list-style-type: none"> <li>■ Water-thinnable (-dilutable) and low odour.</li> <li>■ Diffusion-capable.</li> <li>■ sd-value &lt; 0.1 m</li> <li>■ Provided with a preservative against deterioration in the coating film due to fungal and bactericidal attack.</li> <li>■ Easy to apply.</li> </ul>
Material Base / Vehicle	Synthetic resin dispersion/emulsion according to German standard DIN 55945.
Packaging/Package Size	2.5 l, 12.5 l
Colours	White.  Indeko-W is tintable to a max. of 5 % with CaparolColor or AmphiColor® colourants. If more than one bucket is manually tinted, all product must be thoroughly mixed before use in order to avoid colour differences.  Indeko-W can be tinted to all current colour collections via the ColorExpress tinting & mixing machine system, in light/bright colours (approx. luminosity 70). Quantities of 100 litres or more in individual colour shades may be ordered ready-tinted ex works. Check tinted paint before applying to avoid colour deviation. Always use tinted product of same batch, when applying on seamless surfaces.
Gloss Level	Dull matt (Dead-matt according to DIN EN 13300)
Storage	Keep in a cool, but frost-free place.
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 2, corresponds to "scrub-resistant" as per German standard DIN 53778</li> <li>■ Contrast ratio: Opacity class 2, with a spreading rate of 6 m<sup>2</sup>/l or 150 ml/m<sup>2</sup></li> <li>■ Maximum particle (grit) size: Fine (&lt; 100 µm)</li> <li>■ Density: Approx. 1.5 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

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 18 363, section 3.

Substrate Preparation

**Render/Plaster: Mortar Group/Class PII (Lime-Cement Mortar), Class PIII (Cement Mortar) / Minimum Compressive Strength according to DIN EN 998-1: 2 N/mm<sup>2</sup>:**

Solid renders/plasters with normal absorbency require no preliminary treatment. Prime highly porous, sanding or absorbent render/plaster with OptiGrund E.L.F. or CapaSol LF.

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

Prime with Caparol-Haftgrund. Sand/grind sintered gypsum renders/plasters, remove dust and prime with Caparol-Tiefgrund TB.

**Gypsum Building Boards / Wallboards:**

Prime absorbent boards with OptiGrund E.L.F. or Caparol-Tiefgrund TB. Prime highly compacted, smooth boards with Caparol-Haftgrund to promote bonding.

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

Sand off filling burrs. Soft gypsum areas (repairs) must be primed and strengthened with Caparol-Tiefgrund TB. Apply one priming coat of Caparol-Haftgrund, OptiGrund E.L.F. or CapaSol LF. Boards containing water-soluble and discolouring substances that leave marks must be primed with Caparol AquaSperrgrund. In Germany: Follow BFS Data Sheet No. 12.

**Concrete:**

Remove remnants of release agents and loose chalking or sanding material.

**AAC / Cellular Concrete:**

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

**Fair-Faced Brickwork or Sand-Lime Brick Masonry:**

No preliminary treatment required.

**Sound Existing Coatings:**

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

**Unsound/Unstable Existing Coatings:**

Completely remove unstable coatings of enamels/varnishes, emulsion paints or synthetic resin-bound (organic) renders/plasters. Prime slightly absorbent, even surfaces with Caparol-Haftgrund. Prime highly porous, sanding or absorbent substrates with OptiGrund E.L.F. or CapaSol LF. Remove unstable coatings of mineral paint by mechanical means and remove dust. Prime with Caparol-Tiefgrund TB.

**Coats of Glue-Bound Distemper:**

Wash off the coating to the stable substrate 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 the wallpapers completely and wash off all residues of wallpaper paste and waste paper. Prime the substrate with Caparol-Tiefgrund TB.

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

Wash off nicotine, soot or fat/grease stains with water adding a fat-dissolving household detergent and allow the surface to dry well. Remove dried-up water stains by dry brush cleaning. Then apply an insulating coat of Caparol AquaSperrgrund.

**Wood and Derived Timber Products:**

Coat with water-thinnable, ecologically compatible Capacryl acrylic enamels or with Capacryl PU enamels.

**Small Defects:**

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

Method of Application

Apply the product by paint brush or roller.  
Clean tools/working equipment immediately after use with water.

Surface Coating System	<p><b>Preparatory Treatment:</b> Remove covering of mould/mildew by wet cleaning. Then use Capatox or FungiGrund and allow to dry well. Follow official/local regulations and laws, as e.g. Ordinance on Biological Agents and Ordinance on Hazardous Substances.</p> <p><b>First or Intermediate Coat:</b> Indeko-W, diluted to a max. of 10 % with tap (potable) water.</p> <p><b>Finishing Coat:</b> Indeko-W, diluted to a max. of 5 % with tap water.</p>
Consumption	<p>Approx. 150 ml/m<sup>2</sup> per coat on an even substrate. On rough-textured surfaces correspondingly more. The exact consumption is best established by a trial coating (test area) on site. The coating thickness of applied product significantly influences the fungicidal and bactericidal long-term effect, hence always apply Indeko-W evenly and liberally. The consumption value specified above is a minimum value and should not be underrun.</p>
Application Conditions	<p><b>Lower Temperature Limit for Application and Drying:</b> +5 °C for product, substrate and ambient air.</p>
Drying/Drying Time	<p>At +20 °C and 65 % relative humidity surface-dry and recoatable after 4-6 hours. Completely dry (cured) and ready for stress after approx. 3 days. Lower temperatures and higher humidity extend the drying time.</p>
Note	<p>Solvent-containing primers must not be applied in rooms where food is stored or produced. For these areas use OptiGrund E.L.F. for priming coat.</p> <p>Ensure good ventilation during use and drying of Indeko-W, for at least 3 days before any further use. If exposed to aqueous solutions of heavy metal salts, e.g. copper salts, brownish discolouration will occur. Please request for special advice. When using Caparol-Tiefgrund TB in the interiors, a typical solvent odour is released, hence proper ventilation must be provided during the application. Use non-aromatic, low-odour AmphiSilanPutzfestiger in sensitive areas. Touching up surfaces is depending on many parameters and may be visible after drying. (In Germany: See BFS Data Sheet No. 25)</p> <p>Indeko-W contains a preservative against deterioration in the coating film due to fungal (fungi/mildew/mould) attack. The depot of agents offers a prolonged protection, but the fungicidal effect is limited by the special conditions on site, e.g. intensity of fungal attack and moisture. A durable protection cannot always be guaranteed by coats of paint.</p> <p><b>Recoatibility:</b> Indeko-W is only recoatable with emulsion or polymer resin paints or renders/plasters. Oil paints or oil-alkyd resin paints are unsuitable, since the mould growth inhibiting agent will prevent the drying process.</p>

## Advice

German Certificates	<ul style="list-style-type: none"> <li>■ Suitability as coating for food production &amp; storage areas.</li> <li>■ Effectiveness as fungicidal interior wall coating.</li> <li>■ Determination of VOC emissions (coated surface) according to AgBB testing process.</li> </ul>
Please Note (Status as at Date of Publication)	<p>Keep out of reach of children. If swallowed, seek medical advice immediately and show the container or label (intestinal bacteria can be affected). Do not empty into drains, water courses or into the ground. Apply by brush or paint roller only. Use P2 dust filter for grinding. Ensure good ventilation during use and drying. Do not eat, drink or smoke while using the paint. In case of contact with eyes or skin, immediately and thoroughly rinse with water. Clean utensils immediately after use with soap and water. For further details see Material Safety Data Sheet (MSDS).</p>
Disposal	<p>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.</p> <p>In Germany: Only completely emptied containers should be given 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.</p>
EU limit value for the VOC content	<p>of this product (category A/a): max. 30 g/l (2010). This product contains &lt; 1 g/l VOC.</p>
Product Code Paints and Enamels	<p>M-DF01F</p>
Substances of Content - Declaration	<p>Polyvinyl acetate resin dispersion, titanium dioxide, silicates, water, additives, preservatives (Metylisothiazolinone, Benzisothiazolinone), film preserving agents (Octylisothiazolinone, Iodpropinylbutylcarbamate, Zinc pyrithione).</p>
Technical Assistance	<p>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.</p>
Customer Service Centre	<p>Tel.: (+49) 0 61 54 / 71 17 10          Fax: (+49) 0 61 54 / 71 17 11          e-mail: kundenservicecenter@caparol.de</p> <p>International Distribution: Please see <a href="http://www.caparol.com">www.caparol.com</a></p>

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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. 800 · Indeko-W · Issued: October 2014

DAW International Business: **DAW SE** · P.O.B. 1264 · D-64369 Ober-Ramstadt · Tel. +49 6154 71-1274 · Fax +49 6154 71-1264 · Internet [www.caparol.com](http://www.caparol.com)