

# Nespri® FiXX

Special interior paint for efficient coating using the Nespri-TEC spraying method.



## Product Description

Field of Application	Suitable for application with special, mist-free Nespri-TEC spraying method. High coverage interior paint for matt (flat) coatings on walls and ceilings. Due to high filling properties of Nespri® FiXX the paint is ideally suitable for coating woodchip/ingrain wallpapers, equalising butt joints.
Material Properties	<ul style="list-style-type: none"> <li>■ Efficient application with special, mist-free Nespri-TEC spraying method.</li> <li>■ Emission-minimised, solvent-free, unplasticized.</li> <li>■ Free of fogging-active substances.</li> <li>■ Diffusion-capable.</li> <li>■ <math>s_d</math>-value &lt; 0.1 m</li> <li>■ Easy to touch up.</li> <li>■ Due to the high opacity in the majority of cases one coat will be sufficient.</li> </ul>
Material Base / Vehicle	Synthetic resin dispersion/emulsion according to German standard DIN 55 945.
Packaging/Package Size	<ul style="list-style-type: none"> <li>■ <b>Standard product:</b> 25 litres hobbock</li> <li>■ <b>ColorExpress:</b> 12.5 litres</li> </ul>
Colours	White. Tintable with AmphiColor® (AVA) or CaparolColor colourants. White Nespri® FiXX material can be mixed in the shades of CaparolColor. If more than one bucket is manually tinted, all product must be thoroughly mixed before use in order to avoid colour differences. Spray-mist formation may possibly be increased by the use of self-tinted material. Delivery of individual colours <b>ex works</b> , on request. Check tinted paint before applying, to avoid colour deviation. Always use tinted paint of same batch, when applying on seamless surfaces. Nespri® FiXX is tintable according to all current colour collections via the <b>ColorExpress</b> tinting & mixing machine system, in light/bright colour shades to luminosity/lightness index (LI) approx. 70.
Gloss Level	Dull matt (Dead-matt according to DIN EN 13 300)
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: Scrub resistance Class 3, corresponds to "wash-resistant" as per DIN 53778</li> <li>■ Contrast ratio: Opacity/hiding power Class 1, with a spreading rate of 5.5 m<sup>2</sup>/litre or consumption of 175 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  
  
Substrate Preparation

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.

**Plasters in Mortar Groups/Classes PII (Lime-Cement Mortars), PIII (Cement Mortars) / Minimum Compressive Strength according to DIN EN 998-1: 1.5 N/mm<sup>2</sup>:**

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

**Gypsum and Ready-Mixed Gypsum Plasters of Mortar Group PIV / Minimum Compressive Strength according to DIN EN 13279: 2 N/mm<sup>2</sup>:** Priming coat of Caparol-Haftgrund or AmphiSilan-Grundierfarbe. Sand/grind off sintered skin, remove sanding dust and prime with Caparol-Tiefgrund TB.

**Gypsum Building Boards / Wallboards:** Prime absorbent boards with OptiGrund or Caparol-Tiefgrund TB. Prime highly compact, smooth boards with Caparol-Haftgrund or AmphiSilan-Grundierfarbe to promote bonding.

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

**Concrete:** Remove all releasing agent (formwork oil residues) and chalking or sanding substances.

**AAC / Cellular Concrete:** Prime autoclaved aerated concrete with a 1 : 3 mixture of Capaplex and tap (potable) water.

**Facing Brickwork and Fair-Faced Sand-Lime Brick Masonry:** No preliminary treatment required.

**Sound/Stable Existing Coatings:** Matt, slightly absorbent coatings require no pre-treatment. Roughen glossy/shiny surfaces and enamel coatings. Prime with Caparol-Haftgrund or AmphiSilan-Grundierfarbe.

**Unstable Existing Coatings:** Remove unstable coatings of enamel, emulsion paint or synthetic (organic) plaster. Prime slightly absorbent, smooth surfaces with Caparol-Haftgrund or AmphiSilan-Grundierfarbe. Prime highly porous, sanding or absorbent substrates with OptiGrund or CapaSol. Remove unstable (non-adherent) mineral paint coatings 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 (glue) and waste paper. Prime the substrate with Caparol-Tiefgrund TB.

**Mildewed Surfaces:** Remove fungal attack (fungi/mildew/mould) by wet cleaning. Then use Capatop or FungiGrund and allow to dry well. Prime according to the type and condition of the substrate. Apply a finishing coat of Indeko-W, Malerit-W or Fungitex-W on strongly mould infested 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:** Remove nicotine, soot or fat/grease stains by washing with water, adding a fat-dissolving household detergent, then allow the surface to dry well. Clean dried-up water stains by dry brushing-off. Apply one insulating prime-coat of Caparol AquaSperrgrund. Apply one finishing coat of Aqua-inn N<sup>o</sup>1 on highly polluted surfaces.

**Wood and Derived Timber Products:** Coat with waterborne, ecologically compatible Capacryl acrylic enamels or with Capadur Color.

**Small Defects:** After having completed the necessary preparations, repair small defects with Caparol-Akkordspachtel in accordance with our specifications, and if necessary, prime subsequently.

Method of Application	<p>Only to be applied with special Nespray airless equipment.</p> <p><b>Spray Application:</b>          For surfaces: Spray angle 30°/nozzle: special Nespray double nozzle 0.016" - 0.019"; for trimming: spray angle 20° / special Nespray nozzle 0.013".          If a distance of 30 cm to the substrate cannot be guaranteed, a nozzle extension from Wagner Inc should be used. The material temperature is automatically adjusted by the Nespray airless unit. Shut down pressure (closed spray gun) is regulated on device in the blue marked area. Spraying pressure (opened spray gun) is then displayed in the green marked area.  <b>Clean tools immediately after use</b> with water. Other coating materials, especially primers, can also be applied with the Nespray airless unit, but by the use of other products a mist-free application cannot be guaranteed. Apply such products with corresponding precautions.</p>
Surface Coating System	<p>Special Nespri-TEC spraying method: One liberally and evenly applied coat of Nespri® FiXX using the special Nespray Airless unit, then subsequently rolled very evenly with a standard short pile paint roller (12 - 16 mm piles).          One previously applied priming coat is required for high-contrast, highly or unevenly absorbent surfaces.</p>
Consumption	<p>Approx. 175 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.</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 and ready for stress after approx. 3 days.          Lower temperatures and higher relative humidity extend the drying time.</p>
Note	<p>To avoid lapping, the material should be applied wet-on-wet and without interruption.          Due to the use of Caparol-Tiefgrund TB in interiors, a typical solvent odour is released, hence proper ventilation must be provided during application and drying.          Use non-aromatic, low-odour AmphiSilan-Putzfestiger 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><b>Compatibility with other Paint Materials:</b>          Do not mix Nespri® FiXX with other materials than AmphiColor® (AVA) or CaparolColor colourants.</p>

## Advice

Please Note (Status as at Date of Publication)	<p>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).</p> <p>Contains: 1,2-benzisothiazol-3(2H)-one, 2-methyl-2H-isothiazol-3-one. May produce an allergic reaction.          Germany: Advice for allergy sufferers with isothiazolinone allergy: German hotline 0180/5308928 (0.14 €/minute from German landline, MTS max. 0.42 €/minute).</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.          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.</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-DF01 (Germany)</p>
Substances of Content - Declaration	<p>Polyvinyl acetate resin dispersion/emulsion, titanium dioxide, silicates, calcium carbonate, water, additives, preservative (methylisothiazolinone, benzisothiazolinone).</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 06154- 71 7 1710          Fax: +49 05154- 71 7 1711          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.147 · Nespr<sup>®</sup> FIXX · Issued: February 2016

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