

# Caparol Sensitiv

**High-grade, eco-friendly interior paint.**  
**– Even suitable for allergic persons –**  
**Free of preservatives.**

## Product Description

### Field of Application:

A novel type of dispersion-based interior paint for highly sensitive areas and persons. Perfect for allergic persons due to allergen-free formulation.

Caparol Sensitiv is suitable for the application on all usual internal surfaces, for new or renovation work in living quarters and working areas.

Caparol Sensitiv offers a comprehensive health-conscious possibility of interior wall coating, especially in combination with our product ElectroShield.

### Properties:

- Free of preservatives.
- Patented formula.
- Solvent-free.
- Free of softeners.
- Free of fogging active substances.
- Hygienically harmless for the air inside.
- **Certified “Suitable for Allergic Persons”, as per test certificate issued by RW TÜV Essen.**
- External supervision.
- Water-thinnable (dilutable with tap water)
- White.
- Highly diffusion-capable.
- $s_d$ -value < 0.1 m
- Slightly filling.
- Easy to apply.

### Characteristics to DIN EN 13 300:

- **Wet abrasion:**  
Class 3, corresponds as “wash-resistant” to DIN 53 778.
- **Contrast ratio:**  
Opacity/covering power class 2, with a usage of 7 m<sup>2</sup>/lit. or 140 ml/m<sup>2</sup>.
- **Gloss level:**  
Matt (dead flat)
- **Maximum particle size:**  
Fine (<100 µm)

Tinting may cause variations.

### Vehicle:

Synthetic resin dispersion to DIN 55 945.

### Density:

Approx. 1.3 g/cm<sup>3</sup>

### Colour:

White.

### Tinting:

Can be tinted up to 10 % with AVA – Amphibolin colourants or with CaparolColor.

**The test certificate of RWTÜV Essen certifies only the white material.**

**Tinting may affect the suitability of Caparol Sensitiv for allergic persons.**

### Please Note

**(Status as at November 2008):**

Keep out of reach of children. In case of contact with eyes, rinse immediately with plenty of water. In case of spray application: Do not breathe spray dust. Do not empty into drains, water courses or onto the ground. Further information: See Material Safety Data Sheets.

### Storage:

**Unopened, cool, but frost-free.**

**Shelf life: approx. 12 months.**

Adding water may reduce the shelf life.

### 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 emptied containers should be given for recycling. Dispose containers with residues of liquid material as remnants of water-based paints and dried material as hardened paints waste or via domestic waste.

### Product Code Paints and Enamels:

M-DF01

### Substances of Content - Declaration:

Acrylic dispersion, titanium-dioxide, silicate and calcite fillers, water, additive.



### Packaging:

5 litres and 12.5 litres

## Application

### Surface Coating System:

**One uniform, generously applied coat** of Caparol Sensitiv, undiluted or diluted max. 5% with tap (potable) water. Substrates of highly contrasting colours or high or irregular absorbency require a preliminary priming undercoating with Caparol Sensitiv, diluted max. 5 % with tap water.

### Method of Application:

The material may be applied by brush, roller or airless equipment.

### Airless application:

Spray angle: 50°  
Nozzle size: 0.021" – 0.026"  
Spray gun pressure: 150 – 180 bar  
Clean tools immediately after use with water.

### Consumption:

Approx. 140 ml/m<sup>2</sup> per coat on smooth substrates. On rough-textured surfaces correspondingly more.

The exact rate of consumption is best established by a trial coating.

### Minimum Temperature for Application and Drying:

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

### Drying Time:

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 humidity extend the drying time.

### Note:

To avoid lapping, the material should be applied wet-on-wet and without interruptions. Stir well and sieve the paint before airless application.

The use of our product CapaSilan is recommended for surfaces subjected to adverse lighting conditions (sidelight).

### Suitable Substrates:

All normal, sound interior substrates – which do not require any preliminary priming – are suitable, e.g. mineral-based renders/ plasters, new gypsum building boards / plasterboards, wood-chip, embossed or glass fabric wall coverings, as well as existing, matt paint coatings. The substrates must be clean, sound, dry, and free from all materials that may prevent good adhesion. Follow VOB, part C, DIN 18 363, para. 3.

### Loam Rendering:


Clean surfaces to be coated and prime with Sylitol Concentrate 111, diluted in a 2 : 1 ratio with tap water. Apply a trial coat and check for brown discolouration.

## Advice

### 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 is to be coated which is not specified above.

### Customer Service Centre:

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## Technical Information No. 320 - Revised: November 2008

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. 320 Caparol Sensitiv · issued: November 2008

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