



# SCHIMMELSCHOCK 4.0

The interior wall paint with an antibacterial formula and integrated long-term protection

## Product description

SchimmelSchock 4.0 provides active mould control and mould prevention with the property profile of high-quality interior wall paints. Professionals and do-it-yourself enthusiasts benefit equally from the very good processing properties of the wall paint with the effect of classic mould stop products.

SchimmelSchock 4.0 replaces three commercially available products for acute mould control, mould aftercare and classic interior wall paint. This 3-in-1 product is not alkaline and is suitable for use with food.

SchimmelSchock 4.0 is equally suitable for new coatings and renovation coatings

## Purpose

New and renovation coatings, mould-free and mould-contaminated surfaces. Suitable for various substrates (plaster, concrete, limestone sand, woodchip wallpaper, mineral paint, old paint, plasterboard)

## Properties

- Suitable for food
- Active mould control
- Long term mould-inhibiting
- Water-based, solvent-free, plasticiser-free, low-odour
- **After stirring, immediately workable**
- Optimum restoration properties
- Stray light optimised



## **Material base**

Plastic dispersion

## **Ingredients**

calcined kaolin, ethylene-vinylacetate copolymer dispersion, water, calcium carbonate, titanium dioxide, additives,

## **Package sizes**

4.5 litres

## **Colours**

White approx. RAL 9016

Can be tinted with a maximum of 5% tinting concentrate

## **Gloss level**

Matt according to DIN 13300

## **Storage**

Protect from frost, store closed and in a cool place for 12 months

## **Technical data**

Measured according to DIN EN 13 300

Wet abrasion class 2 according to DIN EN 13300, abrasion resistant according to DIN 53778

Covering capacity class 2 at a coverage of 8 m<sup>2</sup> per application

Degree of gloss dull matt < 3.0 at 85°, < 5.0 at 60°

Maximum grain size: fine (< 100 µm)

Density of approx. 1.46 g/cm<sup>3</sup>



## Processing information

**General:** The substrates must be dry, free from dirt and separating substances. Observe Regulations for the Award of Contracts and Contract Regulations for Construction Work (VOB), Part C, DIN 18363, paragraph 3.

### **Suitable substrates:**

**Plasters of mortar group PII and PIII/compressive strength according to DIN EN 998-1 with min. 1.5 N/mm<sup>2</sup>:** Coat solid, normally absorbent plasters without pre-treatment. Apply a primer coat of Deep Primer LF to sanding, absorbent and coarsely porous plaster. Perform intermediate and final coating with SchimmelSchock 4.0 to achieve an optimum antibacterial effect.

**Gypsum plasters of mortar group PIV/compressive strength according to DIN EN 13279 with min. 2 N/mm<sup>2</sup>:**

Apply one priming coat of Deep Primer LF. Gypsum plasters with sintered skin must be sanded and then dusted. Apply primer coat with Deep Primer LF, intermediate and finishing coat with SchimmelSchock 4.0.

**Plasterboard:** Coat absorbent boards with primer Deep Primer LF. Prime heavily compacted, smooth boards with a commercially available primer.

**Plasterboard (gypsum board):** Sand off filler burrs and coat soft gypsum filler areas with Deep Primer LF. Coat boards with water-soluble, discolouring ingredients with an isolating primer. Observe Leaflets are technical guidelines for painting and varnishing work (BFS) leaflet no. 12.

**Concrete:** Remove any release agent residues and sanding, flouring substances.

**Load bearing coatings:** Recoat weakly absorbent, matt coatings directly.

Roughen glossy surfaces and paint coatings and coat with a universal primer.

**Non-load bearing coatings:** Remove non-load bearing synthetic resin coatings, lacquer and emulsion paints. On smooth, slightly absorbent surfaces, apply a primer coat with a suitable adhesive primer.

Sanding or absorbent, coarsely porous surfaces must be primed with Deep Primer LF.

Non-bearing mineral paint coatings must be removed mechanically and the surfaces must be dusted. Then prime with Deep Primer LF.

**Uncoated woodchip, relief or embossed paper wallpaper:** These substrates can be coated without pretreatment.



**Non-adherent wallpapers:** Wallpaper must be completely removed and paste and wastepaper residues washed off. Then prime with Deep Primer LF.

**Mould infested areas:** Areas slightly affected by mould can be painted over directly. At least two coats necessary for long-lasting effect.

**Surfaces with nicotine, water, soot or grease stains:** Wash off nicotine stains as well as soot or grease stains with water to which a fat-dissolving household cleaning agent has been added and allow to dry. Brush dry water stains off and then coat with a standard blocking primer. Carry out intermediate and top coat with SchimmelSchock 4.0.

**Wood and wood-based materials:** SchimmelSchock 4.0 is not suitable for wood and wood-based materials.

**Application methods:** roll, brush or spray

**Coating structure:** Even, full base coat with SchimmelSchock 4.0. After drying for at least 6 hours, top coat with SchimmelSchock 4.0. In the case of substrates with different degrees of absorbency, prime with Deep Primer LF.

**Consumption:** Apply approx. 125 ml / m<sup>2</sup> per coat on smooth substrates, more generously on rough surfaces.

**Application temperature:** At least 5°C for substrate and surroundings.

**Drying time:** approx. 6 hours at 20°C and 65% rel. humidity Fully dried after 24 hours, loadable after 7 days. Drying times are delayed at low temperatures and high humidity.

**Note:** To avoid build-up, wet-on-wet coating must be carried out in one go. For a full antibacterial effect, 2 coats of undiluted paint are necessary.

**Disposal:** Only hand in empty containers for recycling, dispose of dried material residues as construction and demolition waste.

For further information and notes on disposal, please refer to the associated safety data sheet