

Polarweiss

white – matt – for interior use
extraordinary hiding power
high yield
with splatter-free formula



1. Product features and field of application

SCHÖNER WOHNEN Polarweiss is our covering-power champion and an extremely professional interior emulsion paint. The splatter-free formula enables painting without or with only a few paint splashes, making your renovation work easier. Polarweiss is solvent- and plasticizer-free, very hardwearing, water-vapor-permeable and low odor. It contains no preservatives and is also suitable for allergy sufferers. Polarweiss has a high degree of whiteness, is easy to apply and has an extremely high yield. Its outstanding properties ensure an excellent result and perfect surfaces, generally with just one coat. Polarweiss – the perfect emulsion paint, for all new and renovation coatings on e.g. woodchip and embossed wallpaper, old emulsion coatings, gypsum plasterboard and cement-fiber panels, as well as brickwork, plaster and concrete.

Colour shade

White.

EN 13300	
Hiding power (for a coverage of 8.5 m ² /liter)	class 1
wet-abrasion resistance (complies with abrasion resistance in accordance with DIN 53778)	class 2
max. grain size	fine
degree of gloss	matt

GISCODE
BSW10

Density
approx. 1.4 g/cm³

Constituent substances

Styrene-acrylate-copolymer-dispersion, titanium dioxide, inorganic coloured pigments, calcium carbonate, silicates, polymer extenders, water, additives.

2. Application

Application techniques

rolling, brushing, airless spraying

Perfect Spray:

All spray:equipment bearing the Perfect Spray symbol will deliver optimum results if you dilute SCHÖNER WOHNEN Polarweiss with 5% water. More information at www.schoener-wohnen-farbe.com/spruehen.

Application temperature

Do not apply under +5 °C air and object temperature.

Consumption:

Approx. 110-140 ml/m² per layer (determine exact consumption by means of a test application on the object to be coated.).

Dilution

For roller application and brushing to max. 10% with water. When diluted with water, the sprayability increases.
For spraying with 5% water.

Notes on spray application (airless)	
nozzle:	0.53 - 0.63 mm
spray angle:	40° - 80°
pressure:	150 bar
dilution:	approx. 5 %

Tinting/mixing

Tintable with SCHÖNER WOHNEN Vollton- und Abtönfarbe.

Application information

Stir well before use.

SPLATTER-FREE FORMULA*: WITH NO OR JUST A FEW PAINT SPLATTERS.

For a perfect surface appearance and optimum application, we recommend applying with the Polarweiss professional roller and a paint grid. With its fine special web, the Polarweiss professional roller is ideally suited to a particularly light, clean stroke (with no or just a few paint splatters).

*With proper application

Drying time (at 20 °C, 65% r. humidity)

After about 6 hours the renovated rooms can again be used or the walls can be recoated. At lower temperatures and/or high humidity the drying process takes longer.

Substrate preparation

Substrates must be solid, clean, dry, and load-bearing. Follow the instructions to completely remove non-bearing emulsion, oil, and enamel paint coatings with, e.g., paint strippers – biodegradable. Completely remove wall coverings, including remains of paste and wall-glue residues. Completely wash or brush lime paints and chalking surfaces. Mechanically remove any non-bearing, mineral coatings. Allow fresh mineral plaster to dry for at least 4 weeks. Carefully cover objects that are not to be painted (furniture, floorboards, glass, ceramic, natural stone, etc.).

Substrates	Priming	Intermediate coat	Top coat
normally absorbent substrates, e.g. old emulsion coatings, synthetic resin render, lime cement plaster, wall coverings (e.g. woodchip wallpaper, embossed wallpaper)	-		
non-absorbent or slightly absorbent substrates, e.g. gloss emulsion paint coats, oil and enamel paint coats, stripped substrates	1x Universal-Haftgrund	for high color contrast 1x Polarweiss, diluted to max. 10%	1x Polarweiss
highly and unevenly absorbent substrates such as gypsum plaster, gypsum plasterboard, cement fiber boards, brickwork, concrete, slightly sanding renders	1x Roll-Tiefgrund*, or 1x Universal-Tiefgrund		

* For preservative-free coating build-ups

3. After application

Disposal

Only empty containers without residue are to be recycled. Dispose of container with dried residue as domestic waste or as construction site waste. Deposit containers with residue that has not dried at a collection point for paint wastes. Dispose of liquid paint according to waste code no. 080112 (in accordance with AVV).

Tool cleaning

Immediately after use with soap and water.

Storage/transport

Securely close open paint buckets. Store in a cool and dry place. Minimum shelf life: see container label
 Water pollution classification WGK 1, in accordance with Administrative Regulation on the Classification of Substances Hazardous to Waters

4. Important notes

Standard protective measures must also be adhered to when applying Polarweiss. Keep out of the reach of children. Do not inhale spray mist. Use the combination filter A2/P2 and safety goggles for spraying. Ensure proper ventilation during application and drying. Do not eat, drink or smoke while using the paint. Upon contact with the eyes or skin, immediately rinse thoroughly with water. Do not allow to reach drainage system nor the soil. If there is a risk of splatters, wear safety goggles. We recommend wearing gloves during application. Tinted with pigment/tinting paste which does not conform to Blue Angel requirements, meaning the product no longer complies to the Blue Angel criteria. Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist.

Allergy information and further product information at phone no. 00800 32665500.

Safety data sheet available on request.

EU limit value for this product (cat. A/a): 30 g/l (2010). This product contains max. 1 g/l VOC.

5. General information

All information and values are the product of extensive development activities and years of practical experience. Our spoken and written technical recommendations, which we prepare to support the buyer or user to the best of our knowledge on the basis of current information, do not constitute a contractual legal relationship. They do not release the buyer from his/her sole responsibility of assessing our products for suitability to the intended purpose. Our general terms and conditions apply. Upon publication of a new version of this information sheet as a result of new technical developments, all of the information provided above becomes invalid.

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