

Mold Protection 930

Solvent- and plasticizer-free, dull matt, provided with fungicide and bactericide, wet abrasion resistance Class 2, AgBB certified, for interior use



Farbsystem

Field of application

Special emulsion paint for high-quality fungicidal and bactericidal ceiling and wall coatings on interior surfaces that are at risk of or that are infected by fungus. Particularly suited for rooms that are exposed to high humidity levels, such as kitchens and bathrooms, etc.. Furthermore, they are also suitable for the industrial sector, e.g., in slaughterhouses, dairies, large kitchens, etc. Use Mold Protection 930 in "Protect Quality" (with maximum concentration of the active substance). This supplementary addition of this active substance is only for industrial use. In principle, the use of this material should be agreed with the client before implementation. We also recommend following the information given in the "Recommendation for action for renovation of interior areas affected by mold" by the Baden-Württemberg Public Health Authority.

Properties

- Solvent- and plasticizer-free
- Water-dilutable
- Fungicide and bactericide
- Odorless
- Good hiding power
- Water-vapor-permeable
- As is the case for interior silicate paint, it corresponds to class I in accordance with DIN EN ISO 7783
- Suitable for indirect contact with food products
- Complies with the requirements of the Committee for the Health-related Evaluation of Building Products (AgBB)
- Suitable for indirect contact with foodstuffs in accordance with the test certificate
- For interior use
- Easy to apply

Use Mold Protection 930 carefully. Always read the label and product information before use.

Material description

Standard color shades	0095 White A number of additional color shades can be mixed using the Brillux Color System.
Base material	Acrylate copolymer, fungicide/bactericide
Max. active substance concentration	2-octyl-2H-isothiazole-3-on: max. 0.12 g/l 3-iodine-2-propinyl butylcarbamate: max. 0.45 g/l Zinc pyrithione: max. 0.18 g/l Terbutryn: max. 0.08 g/l The maximum active substance concentration is achieved by adding Protect
BAuA (German Federal Institute for Occupational Safety)	Reg. no. N-31442
BAG (Federal Office of Goods Transport)	Reg. no. CHZN0857
Density	Approx. 1.5 g/m ³
Classified in accordance with EN 13300	- Wet abrasion resistance: Class 2 - Contrast ratio: class 1 at 6 m ² /l - Gloss: dull matt - Maximum grain size: fine
Reaction to fire	A2 – s1,d0 in accordance with DIN EN 13501-1 ("nichtbrennbar", non-combustible), With system build-up using Briplast filler material in accordance with classification report no. 230010838-3
Packaging	0095 White: 2.5 l, 10 l Color System: 2.5 l, 10 l

Use

Thinning	If necessary, thin slightly with water.
Tinting	Up to max. 5% with Full Color and Tinting Paint 951.
Compatibility	Can only be mixed with similar materials and those specified in this data sheet.
Application	Mold Protection 930 can be applied using brush and roller application.
Consumption	Approx. 150–170 ml/m ² per layer. The fungicidal and bactericidal effect is significantly influenced by the layer thickness. Determine exact consumption by means of a test application on the object to be coated.
Application temperature	Do not apply if air or object temperature is below +5°C.
Tool cleaning	Clean tools immediately after use with water.

Drying (+20 °C/68 °F, 65% relative humidity)

Surface dry and ready for coating after 4–6 hours. During application and drying, ensure proper ventilation.
Allow for longer drying time if the temperature is lower and/or the humidity is higher.

Storage

Store in a cool and frost-free place. Reseal opened containers tightly.

Declaration

Notes Contains preservatives. Use biocides safely. Keep out of the reach of children.

Product code BSW50
The specifications in the current Safety Data Sheet apply.

Coating build-up

Substrate preparation Identify and rectify the cause of the mold infestation. The substrate must be solid, dry, clean, load-bearing, and free from efflorescences, sintered layers, separating agents, corrosive components, or other intermediate layers affecting the adhesion. Check existing coatings for their suitability, load-bearing capacity, and adhesive properties. Thoroughly remove defective and unsuitable coatings and dispose of them in accordance with the applicable regulations. Eliminate interior mold infestations in accordance with the "Mold Remediation" guide (published by and associated with the Federal Environment Agency) and if necessary, after-treat using Universal Disinfectant 542 *. (*Use biocide products with care. Always read the label and product information before use.) Thoroughly wash off limepaint. Wash down intact coats of oil paints and varnishes with an alkaline solution, then thoroughly sand and clean them. Remove any residues of wall coverings, including paste and wall-glue residues, as well as wall coverings such as wall paper or woodchip wallpaper, etc. that are not suitable for coating. Apply a prime and/or intermediate coat to the substrate as required. See also VOB Part C, DIN 18363, Section 3.

Initial coats

Substrates	Fungicide treatment	Prime coat	Intermediate coat	Top coat
Interior plaster (depending on the compressive strength ¹⁾), concrete	After the removal, treat with Universal Disinfectant 542	If necessary, Lacryl Deep Penetrating Primer ELF 595, Deep Penetrating Primer 545 or Adhesion Primer ELF 3720, Wall Primer ELF 3729 or Coarse Wall Primer ELF 3728	Mold Protection 930	Mold Protection 930
Gypsum plaster ¹⁾ , gypsum plasterboard ²⁾ , gypsum wallboard		depending on the individual requirements With Lacryl Deep Penetrating Primer ELF 595, Lacryl Hydro-Gel ELF 695 or Wall Primer ELF 3729		
Aerated concrete, interior		Priming Concentrate ELF 938, 1:3 water-diluted		
Wall coverings, e.g. woodchip wallpaper, Rapid Nonwoven, embossed wallpaper				

¹⁾ Minimum compressive strength > 2.0 N/mm² (Compressive strength class CS II, CS III, CS IV as well as B1–B7)

²⁾ Prime soft and highly absorbent filled areas and substrates with Lacryl Deep Penetrating Primer ELF 595 as part of the substrate pre-treatment.

Renovation coatings

Substrates	Fungicide treatment	Prime coat	Intermediate coat	Top coat
Normally absorbent substrates, e.g. matt emulsion paint coats	After the removal, treat with Universal Disinfectant 542	If necessary, Lacryl Deep Penetrating Primer ELF 595 or Adhesion Primer ELF 3720, Wall Primer ELF 3729 or Coarse Wall Primer ELF 3728	Mold Protection 930	Mold Protection 930
Non-absorbent or slightly absorbent substrates, e.g. oil and enamel paint coats, gloss emulsion paint coats		Adhesion Primer ELF 3720		
Intact, two-component coating, e.g. CreaGlas 2K PU Finish		2K-Aqua Epoxy Primer 2373		

Notes

Handling and application

Do not bring into direct contact with unpackaged food and only use in areas with regular air exchange. In food or feed processing facilities, only apply during work breaks and not in the presence of food, and only in the areas specified for such use. During application and drying, ensure proper ventilation. When properly applied, under consideration of industrial hygienic regulations, no adverse health effects are to be expected from the use of Mold Protection 930.

Hairline-crack-bridging coating on gypsum plasterboard

Hairline-crack-bridging coating on, e.g., gypsum plasterboard, gypsum fiber boards or similar surfaces, in accordance with VOB Part C, DIN 18363, para. 3.2.1.2, can be achieved using full-surface reinforcement with, e.g., nonwoven wall coverings based on cellulose or glass fiber.

Discolorations on gypsum plasterboard

An additional sealing coating must be applied if there is a risk of discolorations penetrating the untreated gypsum plasterboard. Use Aqualoma ELF 202, Isolating Primer 924 or CreaGlas 2C PU Finish 3471 depending on the object situation. For an accurate assessment, test coatings across several panel widths, including the joints and filled areas, have proven to be useful.

Filling rough surfaces

Smooth rough surfaces before the coating build-up by filling them with, e.g., Briplast Mineral Hand Applying Light Filler ELF 1886, as required.

Priming for gypsum-based plasters

On highly absorbent gypsum-based plasters, adequate consolidation is not always achieved. We recommend testing the adhesion of the complete coating build-up with an adhesive tape test (e.g. Tesa Precision Masking Tape, Gold 4334) to ensure a reliable assessment. If necessary, prime with deep penetrating primer.

Notes

Compatibility with sealant

When coating sealants, e.g. acrylic sealing compounds, cracks may arise in the coating material due to the sealant's higher elasticity. Moreover, discoloration may also occur in the coating. Due to the wide range of sealing systems available on the market, individual testing is required in each case to assess the adhesion and the application results.

Influence of microorganisms

Due to a wide variety of microorganisms and a wide range of object-related impacts, we recommend applying to a test patch, particularly in the industrial sector. If necessary, please contact the Brillux Consulting Service. With the current state of the art, permanent removal of microorganism infestation cannot be guaranteed.

Repairs

Surface repairs become more or less evident depending on the situation on site. According to BFS Leaflet no. 25, Section 4.2.2.1, Paragraph e), this is unavoidable.

Further information

Follow the instructions in the Data Sheets of the products to be used.

Remark

This Data Sheet is based on extensive development work and years of practical experience. The translation corresponds to the current German version, in compliance with the German laws, regulations, standards and guidelines. Its content does not constitute a contractual legal relationship. The user/buyer is not released from the responsibility of checking our products to ensure they are suitable for the intended application. In addition, our general terms of business apply.

When a new version of this Data Sheet with updated information is published, the previous version no longer applies. The current version is available on our website.

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