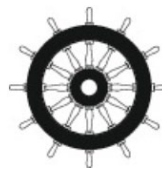


Sedashine 991

Low-emission, solvent and plasticizer-free emulsion paint, wet-abrasion resistance R-class 1, disinfectant-resistant, for indoors



Field of application

For durable and easily cleanable wall and ceiling coatings indoors, e.g. interior plaster, concrete, gypsum plasterboard, woodchip wallpaper. Also suitable for use in the Brillux creative techniques.

Properties

- low emission, solvent- and plasticizer-free
- corresponds to requirements set out by "Ausschuss zur gesundheitlichen Bewertung von Bauprodukten" (AgBB, German Committee for Health-Related Evaluation of Building Products)
- free of fogging-active substances
- long open time
- easy to clean
- water-vapor-permeable
- resistant to watery, non-alcohol-based disinfectant in accordance with the test report
- resistant to low-concentrated alcohol-based disinfectants (sampling necessary)
- "nichtbrennbar A2" (non-combustible) in accordance with DIN 4102 in system build-up with CreaGlas Fabric / Nonwoven in accordance with the test certificate
- "schwerentflammbar B1" (flame-retardant) in system build-up with CreaGlas Fabric / Nonwoven, Relief 3490 and nonwoven wall coverings in accordance with the test certificate
- very easy to apply

Material description

Color 0095 white
A number of additional color shades can be mixed with the Brillux Color System.

Base material Polymer dispersion

Density Approx. 1.3 g/cm³

Material description

Classified in accordance with EN 13300

wet abrasion resistance: R-class 1
contrast ratio: H₁₀-class 2 (at 7 m²/l)
gloss grade: G2b medium shine (silk matt)
maximum grain size: S1 fine

Water-vapor-permeability

S_d (H₂O) approx. 0.1 m in accordance with DIN EN ISO 7783, corresponds to class V1 "highly water-vapor-permeable" in accordance with DIN EN 1062-1

Reaction to fire

A2 – s1,d0 in accordance with DIN EN 13501-1 ("nichtbrennbar", non-combustible)
In system build-up with Briplast filler material according to classification report no. 230010838-3.1-2
A2 – in accordance with DIN 4102 ("nichtbrennbar", non-combustible) in system build-up with CreaGlas Fabric / Nonwoven in accordance with the test certificate
B1 – in accordance with DIN 4102 ("schwerentflammbar", flame-retardant)
In system build-up with CreaGlas Fabric / Nonwoven, Relief 3490 and nonwoven wall coverings in accordance with the test certificate

Packaging

0095 white: 5 l, 15 l
Color System: 2.5 l, 5 l, 15 l

Use

Thinning

As required, especially for low-texture application on smooth substrates, e.g. nonwoven, dilute slightly with water.

Tinting

Full Color and Tinting Paint 951. The gloss grade reduces depending on the amount added.

Compatibility

Can only be mixed with materials of the same type and those specified in this data sheet.

Application

Sedashine 991 can be applied by using a brush, roller and airless spray application.

Consumption

Approx. 130–150 ml/m² per layer.
Determine the 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 with water immediately after use.

Spray data

Spray system	Nozzle	Spray angle	Pressure	Dilution
Airless	0.021–0.017 inch	40°–80°	150 bar	Approx. 5%

Drying (+20°C, 65% relative humidity)

Surface dry and recoatable after approx. 4–6 hours. 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
Do not inhale spray mist

Product code BSW20
Comply with the specifications in the current safety data sheet.

Coating build-up

- Substrate preparation**
- The substrate must be solid, dry, clean, load-bearing and free from efflorescence, sinter layers, separating agents, corrosion-promoting components or other intermediate layers affecting the adhesion.
 - Check the suitability, load-bearing capacity and adhesive properties of existing coatings.
 - Thoroughly remove defective and unsuitable coatings and dispose of them in accordance with the applicable regulations.
 - Thoroughly rinse off reversible, water-sensitive coats (e.g. distemper).
 - Wash down intact coats of oil paints and varnishes with an alkaline solution, sand well and clean.
 - Completely remove any wall coverings that are not suitable for painting; this includes any paste or wall-glue residue.
 - Treat replastered areas with a fluorine primer; if the subsequent paint coat is to be tinted, prime the entire surface.
 - See also VOB Part C, DIN 18363, Section 3.

First coats

Substrates	Prime coat	Intermediate coat	Top coat
Interior plaster (depending on the compressive strength ¹⁾), concrete,	If necessary, Lacryl Deep Penetrating Primer 595, Deep Penetrating Primer 545 or Adhesion Primer 3720, Wall Primer 3729 or Wall Primer Coarse 3728	Sedashine 991	Sedashine 991
Gypsum plaster ¹⁾ , gypsum plasterboard ²⁾ , gypsum plasterboard panels	Depending on the individual requirements With Lacryl Deep Penetrating Primer 595, Lacryl Hydro-Gel 695 or Wall Primer 3729		
Aerated concrete, interior	Priming Concentrate 938, 1:3 water-diluted		
Wall coverings, e.g. woodchip wallpaper, CreaGlas Fabric / Nonwoven, Rapid Nonwoven, nonwoven wall coverings, 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 filler zones and substrates with Lacryl Deep Penetrating Primer 595 as part of the substrate pre-treatment.

Renovation coats

Substrates	Prime coat	Intermediate coat	Top coat
Normally absorbent substrates, e.g. matt emulsion paint coats	If necessary, Lacryl Deep Penetrating Primer 595 or Adhesion Primer 3720, Wall Primer 3729 or Wall Primer Coarse 3728	Sedashine 991 depending on the situation on site and the individual requirements	Sedashine 991
Non or not very absorbent substrates, e.g. oil and varnish coatings, glossy emulsion paint coatings	Adhesion Primer 3720		
Intact, two-component coatings, e.g. CreaGlas 2K-PU Finish	2K-Aqua EP Primer 2373		

Notes

Hairline-crack-bridging coating on gypsum plasterboard

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

Discolorations on gypsum plasterboard

An additional sealing coating must be applied if there is a risk of discolorations bleeding through the untreated gypsum plasterboard. Depending on the situation on site, use Aqualoma 202, Isolating Primer 924 or CreaGlas 2K-PU-Finish 3471. For an accurate assessment, sample coatings of various panel widths, including the joints and filled areas, have proved to be useful.

Filling rough surfaces

Smooth rough surfaces before the coating build-up by filling them with, e.g., Briplast Silafill 1886, as required.

Priming gypsum plaster

For gypsum-based plasters with strong absorbency, sufficient stabilization 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. Where appropriate, implement priming with Deep Penetrating Primer.

Brilliant and intense color shades

Brilliant, pure intense color shades, e.g. in the yellow, orange, red, magenta and yellow-green range, have a low hiding power due to the nature of their pigments. When using critical color shades in these color ranges, we recommend applying a full-covering prime coat in the corresponding base color (Basecode). In addition to the standard coating buildup, additional coats may be required.

Compatibility with sealing compounds

When coating sealing compounds, e.g., acrylic sealing materials, due to higher elasticity, cracks, can occur in the coating material. This may also cause discoloration in the coating. Due to the wide variety of sealing systems on the market, it is vital to perform tests for each individual case to assess the adhesion and application result.

Touch-ups	Touch-ups to part of a surface are always visible. The degree to which they stand out depends on the situation on site. According to BFS Leaflet no. 25, Section 4.2.2.1, Paragraph e, this is unavoidable.
Use of disinfectants	In addition to the disinfectants listed in the test report, others may also be assessed for suitability. Contact the Brillux Consulting Service for more information. For frequent and intensive use of alcoholic disinfectants (e.g. near hand disinfectants dispensers), we recommend the use of CreaGlas 2K-PU Finish 3471.
Thin layers on smooth substrates	For thin-layer application to create low-texture surfaces on smooth substrates (e.g. filled gypsum plasterboard), additional coats may be required in order to achieve sufficient coverage or other measures may be required in the coating build-up. If necessary, contact the Brillux Consulting Service.
Use in ship construction	For use in ship construction, observe the conditions in the EC-Type Examination (Module B) Certificate. The module is available on the Internet as the "EC-type examination certificate for ship construction". A Declaration of Conformity (DoC) can be requested from the Brillux Consulting Service – tb@brillux.de , stating the batch number to be used.
Further information	Follow the instructions on the data sheets of the products 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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