Wall Paint ELF 971

Wandfarbe ELF 971

Low-emission, solvent and plasticizer-free, black, wet abrasion resistance class 3, dull matt, for interior use

Properties

Black, low-emission, solvent and plasticizer-free emulsion enamel paint with good hiding power. Dull mat, odor-less, adhesive, water-vapor-permeable, and easy to apply.

Field of application

For cost-effective, black coats on interior surfaces that are not mechanically stressed. Can be used load-bearing substrates, e.g., interior plaster (compressive strength category CS I – CS IV and B1-B7), concrete, woodchip wallpaper, gypsum plasterboard, fiber cement, sand-lime brickwork. Specially for surfaces that are designed to be visually unobtrusive, e.g., for open, suspended ceilings, visible niches behind claddings.

Material description

Color shade: 9900 black
Bonding agent basis: Acrylate-copolymer
Density: Approx. 1.27 g/cm³

Classification according to EN 13300:
- Wet abrasion resistance: Class 3
- Contrast ratio: Class 1 at 7 m²/l
- Gloss: Dull matt
- Maximum grain size: Fine

Packaging: 15 l

Use

Thinning
If necessary, thin slightly with water.

Compatibility
Can only be mixed with similar materials and those specified in this data sheet.

Application
Super Latex ELF 3000 can be applied by brush, roller and airless spraying. Obtain perfect results at high efficiency by low-overspray airless spraying. For more information, refer to information leaflet 2ns1.

Consumption
Approx. 130–150 ml/m² for each coat. 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, 65% relative humidity)

Surface dry and ready for coating after 4–6 hours.
Allow for a longer curing 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.

The information in the current Safety Data Sheet applies.

Airless spray data

Nozzle opening Inch	mm	Spray angle	Pressure bar	Thinning
0.021 to 0.027	0.53 to 0.69	40° to 80°	approx. 150	approx. 5 %

Coating build-up

Substrate preparation

The substrate must be solid, dry, clean, load-bearing, and free from efflorescences, sintered layers, separating agents, corrosive components, or other intermediate layers affecting 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. Thoroughly wash off limepaint. Wash down intact coats of oil paints and varnishes with an alkaline solution and clean them. Remove wall coverings, including paste residue and paper waste. Treat replastered areas with a fluorine primer. Apply a prime and/or intermediate coat to the substrate as required. See also VOB Part C, DIN 18363, Section 3.

First coat

Substrates	Prime coat	Intermediate coat	Top coat
Internal plaster (compressive strength category CS II/CS III/ CS IV), concrete	If necessary, Lacryl Deep Penetrating Primer ELF 595, Deep Penetrating Primer 545 or Adhesion Primer ELF 3720	Wall Paint ELF 971	Wall Paint ELF 971
Gypsum plaster, gypsum plasterboard, gypsum wallboard	Depending on the individual requirements Lacryl Deep Penetrating Primer ELF 595, Deep Penetrating Primer 545 or Adhesion Primer ELF 3720		
Aerated concrete, in interior areas	Priming Concentrate ELF 938, 1:3 diluted with water		
Wall coverings, e.g., woodchip wallpaper			

Renovation coatings

Substrates	Prime coat	Intermediate coat	Top coat
Normally absorbent substrates, e.g., matt dispersion	If necessary, Lacryl Deep Penetrating Primer ELF 595	Wall Paint ELF 971	Wall Paint ELF 971
Non-absorbent or low-absorbent substrates e.g., oil and enamel paint coats, gloss dispersion	Adhesion Primer ELF 3720		

Notes

If the surface is exposed
Mechanical exposure (e.g., from scratches) can lead to bright marks/stripes on the dark coating surface. For exposed areas, we recommend using interior emulsion paints with a wet abrasion resistance class 1, e.g., Latex Paint ELF 992 or Lacryl Silk Matt Enamel Paint 270 or Lacryl Gloss Enamel 275.

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.

Compatibility with sealant
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 in each individual case to assess the adhesion and processing result.

Repairs
Whether repairs are visible when looking at the entire surface depends largely 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 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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