

Universal Facade Paint 903

Universal-Fassadenfarbe 903

**well-filling matt, weather-resistant,
for exterior use**

Properties

Weather-resistant, well-filling, low-tension dispersion facade paint. White, matt, low odor, non-saponifiable and resistant to industrial exhaust gases. Additionally, highly diffusible and easy to use.

Field of application

For weather-resistant, filling facade coats on bearing substrates, e.g. plaster (MG PII, PIII), exposed concrete, as well as organically bound plasters and intact dispersion paint coats. On surfaces exposed to moisture over extended periods, there is the risk of algae and fungal attack. For these areas, we recommend using Acrylic Facade Paint 100 or Silicone Facade Paint 918 in "Protect Quality".

Material description

Standard color: 0095 white. Bright colors can be mixed via Brillux color system. Other colors available upon request.

Gloss grade: matt

Material basis: Acrylate copolymer

Density: approx. 1.52 g/cm³

Water vapor permeability:
 $S_d (H_2O) < 0.14 \text{ m}$, corresponds to class I "highly water-vapor permeable" according to DIN EN ISO 7783-2.

Water absorption coefficient:
w-value $< 0.1 \text{ kg}/(\text{m}^2 \cdot \text{h} \cdot 0.5)$, corresponds to class III "low water permeability" according to DIN EN 1062-3.

Packaging:

0095 white: 1 l, 2,5 l, 5 l, 10 l, 15 l

Color system: 10 l, 15 l

Use

Thinning

If necessary, slightly dilute with water.

Tinting

Full Color and Tinting Paint 951.

Compatibility

May only be mixed with materials of the same type and the materials specified for this purpose in this data sheet.

Application

After mixing, Universal Facade Paint 903 can be applied by means of paint brush, rollers and spraying.

Obtain perfect results at high efficiency by low-overspray airless spraying. For more information, refer to information leaflet 2ns1.

Consumption

Approx. 150 to 180 ml/m² per coat on smooth substrates. On rough surfaces, consumption will be higher.

Determine exact consumption by way of a test application on the object.

Application temperature

Do not apply if air or object temperature is under +5 °C.

Tool cleaning

Immediately after use (with water).

**Drying
(+20°C, 65 % r. m.)**

Next coat can be applied after approx. 12 hours.

In the case of lower temperatures and/or higher atmospheric moisture, allow for longer drying time.

Storage

Cool and frost-free. Close opened containers tightly.

Declaration
Note

Do not inhale the paint spray.

Water pollution classification
WGK 1, according to VwVwS.

Product code
M-DF02.

Comply with the specifications in the current safety data sheet.

Airless-spray data

Nozzle hole		Nozzle angle	Pressure (bar)	Thinning
inch	mm			
0,021–0,027	0,53–0,69	40°–80°	ca. 150	ca. 5 - 10%

Airless spray data for low-fog facade coats, e.g. with Wagner SuperFinish 31

Nozzle opening		Jet angle	Pressure (bar)		Thinning	
inch	mm		Banking-up pressure	Spray pressure	with heating hose	without heating hose
0,027	0,69	40°	ca. 150–200	ca. 100–130	undiluted, up to 5 % if necessary	5 %

For more information and order information about accessories, refer to information leaflet "Low-Overspray Airless Spraying 2ns1".

Building up the coating
Surface preparation

The surface must be solid, dry, clean, load bearing and free from efflorescence, sintered layers, separating agents, corrosion promotion components or other intermediate layers affecting the adhesion. In the case of exposure to moisture, quick drainage of the water must be ensured.

Protect horizontal surfaces by taking appropriate design measures. Check existing coats for suitability, carrying capacity and adhesiveness. Remove defective and unsuitable coats thoroughly and dispose of them as per the applicable regulations. Rub down and clean smooth and dense substrates. Thoroughly clean areas affected by fungal and algae attack and treat

with Universal Fungicide 542*. (* Take due care when using biocides. Always read label and product information before use.). Fluote re-plastered areas properly. Apply prime and/or intermediate coat on the substrate depending on the requirements. Also refer to VOB Part C, DIN 18 363, Par. 3.

Substrates	Prime coat	Intermediate coat	Top coat
normally absorbent substrates, e.g. exterior plaster (MG PII, PIII), intact organic coats.	as required Priming Concentrate ELF 938, diluted (1 : 4) or Lacryl Deep Penetrating Primer ELF 595	Universal Facade Paint 903 or, if filling and crack-filling properties are required, Facade Brush-on Filler 444	Universal Facade Paint 903
highly absorbent substrates, e.g. exterior plaster (MG PII, PIII), concrete, exposed brickwork	depending on requirements, Lacryl Deep Penetrating Primer ELF 595 or Deep Penetrating Primer 545		
non-absorbent substrates	depending on requirements Adhesion Primer LF 3720 or 2-C Epoxy Primer 855		

¹⁾ For coating new untreated, asbestos-free fiber cement panels, we recommend using Acrylic Facade Paint 100 or Silicone Facade Paint 918.

Notes

In the case of facade coats

Facade surfaces should always be painted quickly and generously.

New mineral substrates

Allow new mineral substrates, particularly plaster surfaces (MG PII, PIII) to cure and dry properly (at least 14 days, better 4 weeks) before coating them. Depending on weather conditions and season, the drying process may take even longer.

Protection colloids in the case of early exposure to moisture

If the coat is exposed to moisture early after application (dew or rain), water-soluble protection colloids can be dissolved from the paint film and deposit on the coat surface (glossy stains). If such stains occur, do not re-coat the surfaces directly. The water-soluble materials will be washed off by moisture (rain) again in the course of time. If the affected surfaces are to be re-coated

immediately, the stains must be washed off thoroughly with water. To avoid this, only carry out the coating work when weather conditions are favorable.

Further specifications

Note the additional information in the Data Sheets of the products that are to be applied.

Additional products

- 2C Epoxy Primer 855
- Facade Brush-On Filler 444
- Priming Concentrate ELF 938
- Adhesion Primer LF 3720
- Lacryl Deep Penetrating Primer ELF 595
- Deep Penetrating Primer 545
- Full Color and Tinting Paint 951

Remark

This Data Sheet was prepared taking into account the German laws, Standards, specifications and Codes of practice. All details were translated on the basis of the current German version. The contents do not form part of a legal contract. The user/purchaser is not released from the responsibility of checking that our products are suitable for the proposed use. In addition our general business conditions apply.

When a new version of this Data Sheet appears with updated information the previous version loses its validity.

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