

## Universal Facade Paint 903

Universal-Fassadenfarbe 903

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

### Properties

Weather-resistant, well-filling, low-tension emulsion 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. exterior plaster (compressive strength category CS II and CS III, compressive strength  $>2 \text{ N/mm}^2$ ), 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 Evocryl 200 or Silicone Facade Paint 918 in "Protect Quality".

### Material description

**Standard color:** 0095 white. Light colors can be mixed using the Brillux Color System.

Other colors available upon request.

**Gloss grade:** matt

**Base material:** Acrylate copolymer

**Density:** approx.  $1.52 \text{ g/cm}^3$

**Water vapor permeability:**  
 $S_d (\text{H}_2\text{O}) < 0.14 \text{ m}$ , corresponds to class I "highly water-vapor permeable" according to DIN EN ISO 7783

**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

Only mixable with similar materials and those specified 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/m<sup>2</sup> per layer on smooth substrates. On rough surfaces, consumption will be higher.

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  $+5 \text{ }^\circ\text{C}$ .

### 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**
**Notes**

Contains preservatives.  
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".

**Coating build-up**
**Surface preparation**

The substrate must be solid, dry, clean, load-bearing and free from efflorescence, sinter layers, separating agents, corrosion promoting components or other compounds affecting intermediate layers. Remove fine-grain layers on concrete surfaces mechanically or by means of pressure washing. 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 coatings for their suitability, load-bearing capacity and adhesive properties. Remove defective and unsuitable coatings thoroughly and dispose of them in accordance with the applicable regulations. Rub down and clean smooth and dense substrates.

Clean areas infested with fungus or algae thoroughly and treat them with Universal Disinfectant 542\*. (\* Use biocides safely. Always read labels and product information before use.) Treat replastered areas with a fluorine primer. Apply a prime and/or intermediate coat to the substrate as required. Also refer to VOB Part C, DIN 18363, Section. 3.

Substrates <sup>1)</sup>	Prime coat	Intermediate coat	Top coat
normally absorbent exterior substrates, e.g. exterior plaster (lime-cement mortar and cement mortar)	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
intact organic coats, such as emulsion paints, synthetic resin plasters, polymerisable resin paints	Adhesion primer ELF 3720 <sup>2)</sup>		
highly absorbent exterior substrates, e.g. exterior plaster (lime-cement mortar and cement mortar), concrete <sup>3)</sup>	depending on requirements, Lacryl Deep Penetrating Primer ELF 595 or Deep Penetrating Primer 545		
non-absorbent substrates	depending on requirements Adhesion Primer ELF 3720 or 2-C Epoxy Primer 855		

<sup>1)</sup> For coating new untreated, asbestos-free fiber cement panels, we recommend using Evocryl 200 or Silicone Facade Paint 918. For coating asbestos cement claddings, comply with additional instructions given in Data Sheet "Coating Systems for Asbestos Facade Cladding 2asb".

<sup>2)</sup> Prime defective areas using Deep Penetrating Primer 545 or Lacryl Deep Penetrating Primer ELF 595 before applying the prime coat.

<sup>3)</sup> In the case of dense, non- or slightly absorptive concrete, e.g. pre-fabricated concrete parts, coat a test area using Adhesion Primer ELF 3720, if necessary.

## Notes

### Contiguous surfaces

On contiguous areas only use materials of one production batch number or mix the required quantity of materials.

### Repairs

Repairs to the surface become more or less strongly apparent depending on the situation on site. This is unavoidable according to BFS Leaflet No. 25, Item 4.2.2.1, Section e).

### Lime efflorescences on concrete

There is a risk of lime efflorescence on concrete facade surfaces. A closed coating film prevents water influx from the outside and minimizes this risk. To achieve a pore-free coating, any existing pores, cavities and gravel pockets must be filled, e.g., with Concrete Pore Filler 782. In event of cracks, use crack-bridging coating systems with a product such as Concrete Finish 839 or Concrete Elast OS 862.

### New mineral substrates

Allow new mineral substrates, particularly plaster surfaces 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.

**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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