Data Sheet

Briplast Facade Light Filler ELF 1883

ready for application, gray, suitable for application with Airless and worm conveyors, organic binding agent, featuring mineral filler material, up to 5 mm layer thickness, for interior and exterior use

Field of application

For partial and full-surface filling on vertical facade surfaces. On exterior plaster (Compressive strength categories CS II and CS III, compressive strength >2 N/mm²) concrete, large-format aerated concrete elements as well as intact, matte, organically bound facade coats and renders. Also for fillings that are suitable for subsequent application of wallpaper or other coating and with high intrinsic strength requirements on interior ceiling and wall surfaces. Can be applied to interior plaster (Compressive strength category CS II/CS III/CS IV and B1-B7), concrete, gypsum plasterboard, and intact coats of emulsion paint.

Properties

Emulsion filler material featuring organic binding agent and par-ticularly siliceous light filler mate-rials, ready for application. Low-emission material, no solvents and plasticizers, gray, low-tension material, very adhesive, fills well, and weather-resistant. Also diffusible, easy to process by hand and very easy to sand.

Material description

Color	grey
Base material	Pure acrylate, high-grade marble powder, siliceous light filler material
Grain size	max. 0,2 mm
Max. wet application layer	up to 5 mm per application
Density	approx. 1.0 g/cm³
Packaging	10 l bucket

Brillux ..more than paint

Use

Thinning
Depending on the substrate ab-sorbency and the object situa-tion, dilute slightly with water, if necessary.

Tinting
Do not tint.

Compatibility
Do not mix with other types of materials.

Application
For full-surface filling, apply the Briplast Facade Hand Applying Light Filler ELF 1883 with a rustfree stainless-steel trowel, comb through evenly with a notched trowel (notching 4 x 4 to 8 x 8 mm) and then level again with a broad surface filler knife.

Briplast ELF 1883 light facade render is also suitable for automatic application using powerful Airless units (piston technology). For this purpose, remove all fil-ters from the Airless unit and gun. Nozzle size, depending on the Airless unit's output, from 0.035" to 0.052" with a spray angle of 20°.

Alternatively the material is also suitable for application using commercially available worm conveyors and similar filler pumps. A powerful compressor with a minimum of 500 l/min, for large surfaces with a minimum of 800–1,000 l/min air output is additionally required for this pur-pose.

After drying completely, the areas can be sanded (100–120 grain).

Consumption
Approx. 1.0 l/m² per mm of 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, 65 % relative humidity)

Approximately 3 hours per mm layer thickness. Allow for a longer drying time with thicker layers and if the temperature is lower and/or the humidity is higher.

Storage

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

Declaration

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

Coating build-up

Substrate preparation

The substrate must be level, sol-id, dry, clean, load-bearing and free from efflorescence, sinter layers, separating agents, corrosion-promoting components or other intermediate layers affect-ing the adhesion. Check existing coatings for their suitability, load-bearing capacity and adhesive properties. Remove defective and unsuitable coatings (e.g. elastic or enamel-paint-like coatings) thoroughly and dispose of them in accordance with the applicable regulations. Clean areas infested with fungus or algae thoroughly and then treat them with Universal Disinfectant 542*. (* Use biocides safely. Always read the label and product in-formation before use.) Thoroughly wash off limepaint. Wash down intact coats of oil paints and varnishes with an alkaline solution, sand down well and clean. Remove any wall cover-ings, including any paste or wall-glue residue. Treat replastered areas with a fluorine primer. Fill large holes and gaps with Joint and Wall Filler 1875. Apply a prime and/or intermediate coat to the substrate as required. Also see VOB Part C, DIN 18363, Section 3.

Partial and full-surface filling on vertical facade surfaces [1)]

<table>
<tr><th>Substrates</th><th>Prime Coat</th><th>Filling</th><th>Topcoat</th></tr>
<tr><td>untreated, large-format. exterior, aerated concrete elements</td><td rowspan="2">if necessary,
Lacryl Deep Penetrating Primer ELF 595</td><td rowspan="4">in general, two filler layers with Briplast Facade Hand Applying Light Filler ELF 1883</td><td rowspan="4">in system build-up with Fondosil 1903 and Ultrasil HP 1901,

Lacryl Deep Penetrating Primer ELF 595 and Evocryl 200
or
Silicone Substrate Consolidator 916 and Silicone Facade Paint 918</td></tr>
<tr><td>Troweled, intact, normally absorbent external plaster (limestone and cement mortar and cement mortar)</td></tr>
<tr><td>untreated, intact, normally absorbent concrete surfaces, exterior</td><td>if necessary,
Adhesion Primer ELF 3720</td></tr>
<tr><td>intact, matte, organically bound facade paints and renders</td><td>Adhesion Primer ELF 3720 [2)]</td></tr>
</table>

[1)] Cannot be used on horizontal surfaces, such as the top surfaces of balustrades, window sills, etc. Cannot be used on either surfaces in contact with soil or on the building base or areas exposed to splashing water.

[2)] Before applying the primer coat, prime damaged areas with Deep Penetrating Primer 545 or Lacryl Deep Penetrating Primer ELF 595.

Coating build-up

Interior fillers suitable for subsequent application of wallpaper or coatings

Substrates	Prime coat	Filling	Prime coat	Topcoat
normally absorbent interior substrates, e.g. precision block masonry, normal plasters, concrete, gypsum plasterboard, coats of matte emulsion paint		Briplast Facade Hand Applying Light Filler ELF 1883 in 1–2 work steps, depending on substrate and requirements	Lacryl Deep Penetrating Primer ELF 595	depending on selection with emulsion paints, plastic material, CreaGlas Fabric and other wall coverings
smooth, non-absorbent and glossy interior substrates, e.g. intact and glossy coats of emulsion paint, oil and enamel paints	Adhesion Primer ELF 3720		Fondosil 1903, diluted 1:1 with water	Profisil 1906 or Kalisil 1909

Notes

Surface shading

On smooth surfaces without a pronounced texture, certain lighting conditions can give rise to surface shading and visible unevenness in the surface. Such appearances do not represent technical or functional defects. They cannot be prevented and therefore are not subject to any complaints.

Sanding protective equipment

During sanding we recommend you wear personal protective equipment (suitable protective goggles and face mask).

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.

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