

Secorell 910

Good filling, fiber-reinforced silicone brush-on filler, crack-filling, highly diffusible, matt, for exterior use



Color System

Basecode

Field of application

For weather-resistant and filling intermediate coatings in the Brillux silicone facade system, for leveling of differences in texture, replastered areas and repairs, for example. Furthermore, also for filling intermediate coatings, e.g. on sand-lime brickwork, and for filling cracks in plaster surfaces in accordance with BFS Leaflet 19. On surfaces exposed to moisture (depending on location and construction) there is a risk of algal and fungal infestation. For these surfaces, we recommend using a coating system in "Protect Quality".

Properties

- Water-repellent
- Weather-resistant
- Highly water-vapor-permeable
- Microporous and thus not film-forming
- Low odor
- Low tension
- Quick drying
- Fiber-reinforced
- Crack-filling
- Good filling power
- Non-saponifiable
- For exterior use
- Optionally available in Protect quality (film protection against an algal and fungal infestation of the coating)

Material description

Color shade	0095 white Light color shades can be mixed with the Brillux Color System. Additional color shades available upon request.
Gloss grade	Matt
Base material	Silicone resin emulsion combined with acrylate copolymer dispersion

Material description

Density	Approx. 1.55–1.65 g/cm ³
Water-vapor-permeability	Diffusion-equivalent air layer thickness: $s_d(\text{H}_2\text{O}) < 0.05 \text{ m}$ in accordance with DIN EN ISO 7783, corresponds to class V1 “high water vapor permeability” in accordance with DIN EN 1062-1
Packaging	0095 white: 15 l Color System: 15 l

Use

Thinning	If required, depending on absorptive capacity of the substrate, the situation on site and the desired flow properties, dilute slightly with water.
Tinting	Up to max. 3% with Secolux 918, colored.
Compatibility	Can only be mixed with materials of the same type and those specified in this data sheet.
Application	Secorell 910 can be applied using brush and roller application methods.
Consumption	Approx. 300 to 500 ml/m ² per coat on smooth substrates. Consumption increases on rough surfaces accordingly. 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.

Drying (+20°C, 65% relative humidity)

Suitable for recoating and additional system build-up after approx. 12 hours.
Allow longer drying times at lower temperatures and/or higher air humidity.

Storage

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

Declaration

Note	Contains preservatives
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 - Clean surfaces infested with fungi and algae thoroughly, then treat them with Universal Disinfectant 542*) (* Use biocides carefully. Always read the label and product information before use.) - 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
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Facade coatings outdoors

Substrates	Prime coat	Intermediate coat	Top coat
Weak absorbent exterior substrates, e.g. intact organic coats, dispersion paints	Secoprime 917	1–2x Secorell 910	Depending on the individual requirements, 1–2x Secolux 918, Secodur 920 or Secolan 913
Absorbent exterior substrates, untreated exterior render (depending on the compressive strength ¹⁾), sand-lime brickwork, absorbent intact mineral coatings	Secobase 916		

¹⁾ Minimum compressive strength > 1.5 N/mm² (compressive strength category CS I–CS IV)

Notes

New mineral substrates

Allow new mineral substrates, in particular plaster surfaces (limestone cement mortar and cement mortar), at least 14 days or ideally 4 weeks to cure and dry properly before further coating. Depending on the weather and time of year, the drying process may take even longer.

Lime efflorescence on concrete

There is a risk of lime efflorescence on concrete facade surfaces. A pore-free coating film prevents penetration of external water and minimizes this risk. To achieve an intact coating, existing pores, holes and honeycombing must be filled in advance by means of Concrete Pore Filler 782 for example. In event of cracks, use crack-bridging coating systems with a product such as Concrete Finish 839 or Concrete Elast OS 862.

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 build-up, additional coats may be required.

Protect quality

Containers marked with “Protect” contain material that is optimized in the factory with film preservation against algal and fungal infestation. The material may only be used outdoors. The contained preservatives minimize and/or delay the risk of algal and fungal infestation. The material enhanced by adding film preservation must be applied with sufficient layer thickness. We recommend application of at least two layers. With the current state-of-the-art technical development, a permanent protection against algal and fungal infestation cannot be guaranteed.

Further information

Follow the instructions in the data sheets of the products used.

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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