



## Sensocryl ELF

Sensocryl ELF

**low-emission, solvent and plasticizer-free  
premium wall finish, water-dilutable,  
Wet abrasion resistance class 1, for interior use**

### Properties

Low-emission, solvent and plasticizer-free pure acrylate wall finish. Free from fogging-active substances. Neutral odor, diffusible and well-covering. With excellent flow characteristics and very easy to use. Resistant to aqueous, non-alcohol-based disinfectants in accordance with test report B-302/05.

Suitable for rooms where food is produced or stored. Awarded the TÜV-quality label "tested for harmful substances" by TÜV SÜD for safe use in interior.

Hardly inflammable B1 according to DIN 4102 in system build-up with CreaGlas Fiber and Relief 3490 according to Test Certificate No. P-BWU03-I-16.5.144. In gloss grade "silk-matt" also suitable for use in clean rooms.

### Field of Application

For hard-wearing (depending on the gloss grade) interior ceiling and wall coatings with good flow properties (see "Surface cleaning properties" in Notes). Especially for smooth or textured wall coverings such as CreaGlas Fabric, Relief 3490, CreaGlas Nonwoven, Rapid Nonwoven 1525 and woodchip wallpaper, blown vinyl or embossed wallpaper.

Also on load-bearing substrates, such as interior plaster (compressive strength category CS II - CS IV and B1-B7), concrete, gypsum plasterboard, etc. Particularly suitable in hospitals, schools, nursery schools, hotels, canteens, government buildings, living areas, etc.

On surfaces exposed to mechanical stress or regular cleaning, use at least silk matt gloss grade or higher.

### Material description

**Standard color:** 0095 white.

More colors can be mixed with the Brillux Color System.

**Base material:** pure acrylate

**Density:** approx. 1.28 to 1.4 g/cm<sup>3</sup>

depending on gloss grade

**Classification according to EN 13300 (white):**

- Wet abrasion resistance: class 1

- Contrast ratio: class 2, at 7 m<sup>2</sup>/l

- Gloss:  
266 dull matt  
267 silk matt  
268 silk-glossy  
269 glossy

- max. grain size: fine

**Packaging:**

0095 white: 5l, 15 l

Color system: 5l, 15 l

### Use

#### Thinning

If necessary, slightly dilute with water.

#### Tinting

Up to max. 10 % with Full Color and Tinting Paint 951.

#### Compatibility

Only mixable with similar materials and those specified in this Data Sheet.

#### Application

Sensocryl ELF can be brushed or rolled on. Sensocryl ELF type 266, 267 and 268 can also be sprayed using the airless spray method.

#### Consumption

On smooth substrates

Approx. 130 to 150 ml/m<sup>2</sup> per layer.

In system build-up with CreaGlas Fabric:

Approx. 170 to 230 ml/m<sup>2</sup> for intermediate coat and approx. 130 to 150 ml/m<sup>2</sup> for top 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.

Allow longer drying times at lower temperatures and/or higher air humidity.

**Declaration**
**Note**

Contains preservatives.

**Drying (+20 °C, 65 % relative humidity)**

Surface dry and recoatable after approx. 4 to 6 hours. On larger surfaces, the drying time between application of the individual coats should be at least 12 hours.

**Storage**

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

**Water pollution classification**

Class 1, according to VwVwS.

**Product code**

M-LW01.

Comply with the specifications in the current Safety Data Sheet.

**Airless spray data**

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

**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 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. 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 coverings that are not suitable for painting, that includes any paste or glue residue. Treat replastered areas with a fluorine primer. Apply a prime and/or intermediate coat to the substrate as required. Also see VOB Part C, DIN 18363, Section 3.

**First coat**

Substrates	Prime coat	Intermediate coat	Top coat
uncoated CreaGlas Fabric, Relief, woodchip, embossed wallpaper			
Interior plaster (compressive strength category CS II - CS IV), concrete	if necessary, Lacryl Deep Penetrating Primer ELF 595, Deep Penetrating Primer 545 or Adhesion Primer ELF 3720	1 to 2x Sensocryl ELF	Sensocryl ELF
Gypsum plaster, gypsum plasterboard, gypsum wallboards	depending on requirements Lacryl Deep Penetrating Primer ELF 595, Deep Penetrating Primer 545 or Adhesion Primer ELF 3720		

**Renovation coat**

Substrates	Prime coat	Intermediate coat	Top coat
Normally absorbent substrates, e.g. matt emulsion paint	if necessary, Lacryl Deep Penetrating Primer ELF 595 or Adhesion Primer ELF 3720	depending on object situation and requirements 1 to 2 coats of Sensocryl ELF	Sensocryl ELF
non-absorbent or low-absorbent substrates, e.g. oil and varnish paint coats, glossy emulsion paint coats	Adhesion Primer ELF 3720		
intact, two-component coating, e.g. CreaGlas 2C PU Finish	2K-Aqua Epoxy Primer 2373		

**Notes**

**Hairline crack filling coating on gypsum plasterboard**

A coating that covers hairline cracks on gypsum plaster boards, gypsum fiberboard, etc. in accordance with VOB part C, DIN 18363, Section 3.2.1.2 can be created, for example, by reinforcing the entire surface with CreaGlas Nonwoven VG 1000 and Rapid Nonwoven 1525.

**Discoloration on gypsum plasterboards**

If there is a risk of discolorations penetrating through untreated gypsum plasterboard, an additional blocking coating must be applied. Depending on the situation at the specific site, use Aqualoma ELF 202, Isolating Primer 924 or CreaGlas 2C PU Finish 3471 for this. Sample coatings over the width of a number of boards including joints and filled points have been shown to be appropriate for precise evaluation.

**Smoothing rough surfaces**

If required, level rough surfaces before building up the coat, e.g. using Briplast Mineral Hand Applying Light Filler ELF 1886.

**Designs with brilliant or 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.

**Compatibility with sealing compounds**

When coating sealants, such as acrylic sealing compounds, cracks may arise in the coating material due to the higher elasticity. Additionally, discoloring of the coating may occur. Due to the great variety of coating systems which are available on the

market, we recommend test applications to assess adhesion properties and application results.

**Repairs**

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

**Disinfectant use**

In addition to the disinfectants listed in the test report, other products can be evaluated for suitability. Please contact Brillux consulting service regarding specific cases.

**Surface cleaning properties**

To achieve a surface that is easy to clean we recommend the use of Sensocryl ELF – with at least a silk matt or higher gloss grade – to avoid surface defects such as polished spots.

**Applying thin layers on smooth substrates**

When applying thin layers to create surfaces with minimal texture on smooth substrates (e.g. filled gypsum plasterboard), additional coats may be required to achieve sufficient covering power or other measures may be required in building up the coating. Please contact Brillux consulting service, as required.

**Projection surfaces**

Due to the very white and matt surface, Sensocryl ELF 266 is also well suited as a coating on projection surfaces (without determination of the gain factor).

**Further information**

Additional information on the various CreaGlas Fabric types is available in the following Data Sheets. Also comply with the additional information in the Data Sheets of the products used:

- Data Sheet 3457  
CreaGlas Fabric System
- Data Sheet cg20  
CreaGlas Fabric Profession
- Data Sheet cg21  
CreaGlas Fabric VG
- Data Sheet cg22  
CreaGlas Fabric VG K
- Data Sheet cg23  
CreaGlas Fabric Art-Line

Additional information on the textured wall covering Relief is available in Data Sheet "Relief 3490".

**Remark**

This Data Sheet has been prepared taking into account the current applicable German laws, standards, specifications and codes of practice. All details have been translated from the current German version. The contents do not form a legal contract. The user and/or the purchaser is not released from the responsibility of checking that our products are suitable for the proposed use. In addition our Terms of Conditions and Payment apply.

When a new version of this Data Sheet appears with updated information the previous version no longer applies. The current version is available on our website.

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