

Sensocryl 266

Preservative-free, solvent-free and plasticizer-free premium wall finish with pure acrylate bonding agent, water-dilutable, wet abrasion resistance R-Class 1, disinfectant-resistant, cleanable, matt, for interior use



Color System

Field of application

For hard-wearing interior ceiling and wall coatings with good flow properties. Especially for smooth or textured wall coverings such as CreaGlas Fabric, Relief 3490, CreaGlas Nonwoven, Rapid Nonwoven, woodchip wallpaper, foam vinyl or embossed wallpaper. Also on load-bearing substrates, such as interior plaster, concrete, gypsum plasterboard, etc. Particularly suitable for use in demanding areas such as in hospitals, medical practices, schools, childcare centers, hotels, canteens, office buildings and in high-end private living spaces.

Properties

- Preservative-free, solvent-free and plasticizer-free
- Low-emission
- Free of fogging-active substances
- Corresponds to requirements set out by "Ausschuss zur gesundheitlichen Bewertung von Bauprodukten" (AgBB, German Committee for Health-Related Evaluation of Building Products)
- Suitable for indirect contact with foodstuffs in accordance with the test certificate
- Matt
- Very bright white color shade
- Very vibrant color shades
- Resistant to watery, non-alcohol-based disinfectant in accordance with the test certificate
- "Schwerentflammbar B1" (flame-retardant) in system build-up with CreaGlas fabric / nonwoven, Relief 3490 and nonwoven wall coverings
- Water vapor-permeable
- Also suitable for coating projection surfaces
- Very easy to apply
- For interior use

Material description

Color shade	0095 white A number of additional color shades can be mixed with the Brillux Color System while maintaining compliance with preservative-free properties.
Base material	Pure acrylate
Density	Approx. 1.15–1.45 g/cm ³
Classified in accordance with EN 13300	Wet abrasion resistance: R-class 1 Contrast ratio: H ₁₀ -class 2 (at 7 m ² /l) Gloss: G3 matt Maximum grain size: S1 fine
Water vapor permeability	Diffusion-equivalent air layer thickness: sd (H ₂ O) approx. 0.3 m in accordance with DIN EN ISO 7783, corresponds to class V2 “medium water vapor permeability” in accordance with DIN EN 1062-1
Reaction to fire	A2 – s1,d0 in accordance with DIN EN 13501-1 (“nichtbrennbar” non-combustible) in system build-up with Briplast filler material - Classification report no. 230010838-3 B1 – in accordance with DIN 4102 (“schwerentflammbar” flame-retardant) in the coordinated system build-up with CreaGlas fabric / nonwoven, Relief 3490 and smooth nonwoven wall coverings
Packaging	0095 white: 5 l, 15 l Color System: 5 l, 15 l

Use

Thinning	As required, especially for low-texture application on smooth substrates, e.g. nonwoven, dilute slightly with water.
Tinting	Up to max. 10% with Full Color and Tinting Paint 951.
Compatibility	Can only be mixed with materials of the same type and those specified in this data sheet.
Application	Sensocryl 266 can be applied by using a brush, roller or airless spray application.
Consumption	Approx. 130 to 150 ml/m ² per coat on smooth substrates. In system build-up with CreaGlas Fabric approx. 170–230 ml/m ² for the intermediate coat and approx. 130–150 ml/m ² for the final coat. 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

Spray data

Spray system	Nozzle	Spray angle	Pressure	Thinning
Airless	0.021–0.027 inch	40°–80°	150 bar	Approx. 5%

Drying (+20°C, 65% relative humidity)

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

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

Storage

Store in a cool and frost-free place. The product is stable for up to 5 years when stored in closed, original containers. Reseal opened containers tightly and use material within a few days of opening.

Declaration

Notes Do not inhale spray mist

Product code BSW10
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
 - Thoroughly rinse off reversible, water-sensitive coats (e.g. distemper)
 - Wash down intact coats of oil paints and enamels with an alkaline solution, sand well and clean
 - Completely remove any wall coverings that are not suitable for painting; this includes any paste or wall-glue residue
 - Treat replastered areas with a fluorine primer; if the subsequent paint coat is to be tinted, prime the entire surface
 - Smooth rough surfaces before the coating build-up by filling them with, e.g., Briplast Silafill 1886, as required
 - See also VOB Part C, DIN 18363, Section 3

First coats

Substrates	Prime coat	Intermediate coat	Top coat
Interior plaster (depending on the compressive strength ¹⁾), concrete	If necessary, Lacryl Deep Penetrating Primer 595, Deep Penetrating Primer 545 or Adhesion Primer 3720, Wall Primer 3729 or Wall Primer Coarse 3728	1–2x Sensocryl 266	Sensocryl 266
Gypsum plaster ¹⁾ , gypsum plasterboard ²⁾ , gypsum plasterboard panels	Depending on the individual requirements With Lacryl Deep Penetrating Primer 595, Lacryl Hydro-Gel 695 or Wall Primer 3729		
Wall coverings, e.g. woodchip wallpaper, CreaGlas fabric / nonwoven, rapid nonwoven, nonwoven wall coverings, embossed wallpaper			

¹⁾ Minimum compressive strength > 2.0 N/mm² (Compressive strength class CS II, CS III, CS IV as well as B1–B7)

²⁾ Prime soft and highly absorbent filler zones and substrates with Lacryl Deep Penetrating Primer 595 as part of the substrate pre-treatment.

Renovation coats

Substrates	Prime coat	Intermediate coat	Top coat
Normally absorbent substrates, e.g. matt emulsion paint coats	If necessary, Lacryl Deep Penetrating Primer 595 or Adhesion Primer 3720	depending on the situation on site and the individual requirements Sensocryl 266	Sensocryl 266
Non or not very absorbent substrates, e.g. oil and varnish coatings, glossy emulsion paint coatings	Adhesion Primer 3720		
Intact, two-component coating, e.g. CreaGlas 2K-PU Finish	2K-Aqua EP Primer 2373		

Notes
Hairline-crack-bridging coating on gypsum plasterboard

Hairline-crack-bridging coating on, e.g., gypsum plasterboard, gypsum fiber boards or similar substrates, in accordance with VOB Part C, DIN 18363, para. 3.2.1.2, can be achieved with full-surface reinforcement with, e.g., nonwoven wall coverings based on cellulose and fiberglass.

Discolorations on gypsum plasterboard

An additional sealing coating must be applied if there is a risk of discolorations bleeding through the untreated gypsum plasterboard. Depending on the situation on site, use Aqualoma 202, Isolating Primer 924 or CreaGlas 2K-PU-Finish 3471. For an accurate-, sample coatings of various panel widths,- the joints and filled areas, have proved to be useful.

Priming gypsum plaster	For gypsum-based plasters with strong absorbency, sufficient stabilization is not always achieved. We recommend testing the adhesion of the complete coating build-up with an adhesive tape test (e.g. Tesa Precision Masking Tape, Gold 4334) to ensure a reliable assessment. Where appropriate, implement priming with Deep Penetrating Primer.
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.
Compatibility with sealing compounds	When coating sealing compounds, e.g., acrylic sealing materials, due to higher elasticity, cracks, can occur in the coating material. This may also cause discoloration in the coating. Due to the wide variety of sealing systems on the market, it is vital to perform tests for each individual case to assess the adhesion and application result.
Touch-ups	Touch-ups to part of a surface are always visible. The degree to which they stand out depends on the situation on site. According to BFS Leaflet no. 25, Section 4.2.2.1, Paragraph e, this is unavoidable.
Use of disinfectants	In addition to the disinfectants listed in the test report, others may also be assessed for suitability. Contact the Brillux Consulting Service for more information.
Increased cleaning properties	To achieve a surface with higher cleanability we recommend using Sensocryl at least in the gloss grade silk matt or higher in order to prevent surface defects from polishing, for example.
Thin layers on smooth substrates	For thin-layer application to create low-texture surfaces on smooth substrates (e.g. filled gypsum plasterboard), additional coats may be required in order to achieve sufficient coverage or other measures may be required in the coating build-up. If necessary, contact the Brillux Consulting Service.
Projection surfaces	Due to the very white and matt surface, Sensocryl 266 is also suitable as a coating for projection surfaces (without determining the gain factor).
Further information	Follow the instructions in the data sheets of the products used and for the different CreaGlas Fabric types.

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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