



# Baunit SilikatColor



<b>Product</b>	Ready-to-use paint for on sodium silicate basis for indoor and outdoor use.												
<b>Composition</b>	Mineral aggregates and -binders, silicates, colour pigments, additives, water.												
<b>Properties</b>	Weather-resistant, water repellent, water vapour- and CO <sub>2</sub> permeable, tension-low drying, low pollution, non-combustible, easy to apply.												
<b>Application</b>	Protection and design of facades. Suitable for old and new mineralic plasters and putties, on concrete, for renovation.												
<b>Technical data</b>	<table><tr><td>Raw density:</td><td>approx. 1,6 kg/dm<sup>3</sup></td></tr><tr><td>Solid content:</td><td>approx. 65 %</td></tr><tr><td>pH-value:</td><td>approx. 12</td></tr><tr><td>μ-value:</td><td>approx. 40 - 60</td></tr><tr><td>Consumption (on smooth subsurface):</td><td>approx. 0,5 kg/m<sup>2</sup> (1 layer and priming)</td></tr><tr><td>Colours:</td><td>According LIFE-colour chart (special colours on request)</td></tr></table>	Raw density:	approx. 1,6 kg/dm <sup>3</sup>	Solid content:	approx. 65 %	pH-value:	approx. 12	μ-value:	approx. 40 - 60	Consumption (on smooth subsurface):	approx. 0,5 kg/m <sup>2</sup> (1 layer and priming)	Colours:	According LIFE-colour chart (special colours on request)
Raw density:	approx. 1,6 kg/dm <sup>3</sup>												
Solid content:	approx. 65 %												
pH-value:	approx. 12												
μ-value:	approx. 40 - 60												
Consumption (on smooth subsurface):	approx. 0,5 kg/m <sup>2</sup> (1 layer and priming)												
Colours:	According LIFE-colour chart (special colours on request)												
<b>Classification according to Chemical Substances Act</b>	Gather the detailed classification from the Safety Data Sheet (according article 31 and annex II of the regulation No. 1907/2006 of the European Parliament and –Council from 18.12.2006) at <a href="http://www.baunit.com">www.baunit.com</a> or request the Safety Data Sheet at the respective production plant.												
<b>Storage</b>	If the closed bucket is kept in a dry, cool place free of frost, the product can be stored for 12 months.												
<b>Quality assurance</b>	Internal quality assurance is provided by the manufacturer's plant,												
<b>Delivery format</b>	5 kg buckets, 1 pallet = 48 buckets = 240 kg 25 kg buckets, 1 pallet = 16 buckets = 400 kg												
<b>Subsurface</b>	<p>The subsurface must be clean, dry, frost-proof, dust-free, not water-repellent, free of efflorescence and free of loose parts. The subsurface must be performed according the Austrian standards B 3345, B 3346 and B 2230.</p> <p><u>Suitable on:</u></p> <ul style="list-style-type: none"><li>- Lime/cement- and cement plasters rubbed</li><li>- Concrete and other mineral subsurface</li><li>- Well bonding mineralic- and silicate paints and –plasters</li></ul> <p><u>Suitable to only a limited extend:</u> (make a test area)</p> <ul style="list-style-type: none"><li>- Lime/gypsum-, gypsum/lime- and gypsum plasters</li><li>- Lime plasters and -paints (pay attention to carbonation)</li><li>- Gypsum plasterboards (pretreatment: 2x Baunit RePrimer)</li></ul>												

Not suitable on:

- Plastics, lacquer and oil-films
- Distemper and latex paints
- Wood
- Metals

**Subsurface pretreatment**

- Solidify chalking or sanding surfaces (e.g. Baunit Sanova ReFest;
- waiting time: at least 14 days or Baunit Sanova RePrimer plus; waiting time: at least 12 hours).
- Mechanically remove sinter skin.
- Remove forming oil residues on concrete with hot steam or commercially available special forming oil removers.
- Thoroughly clean dirty surfaces with Baunit Sanova RePrimer plus.
- Treat algae-contaminated subsurface with special agent
- Remove weathered coats of paint with bad bonding mechanically or with Baunit Sanova Fluid (not suitable on ETICS)
- Coat damaged and cracked mineral surfaces with putty (e.g. Baunit StarContact), where required, reinforce with Baunit StarTex

**Processing**

SilikatColor is to be mixed thoroughly with a stirrer before application. Apply Baunit SilikatColor, diluted with max. 20% water uniformly and over the whole area. (waiting time 12 hours)

Subsurface with high water absorption shall be pretreated with Baunit RePrimer Plus (waiting time 12 hours)

Depending on the weather, but at least 12 hours after priming, apply Baunit SilikatColor once or twice with brush or roller. The consistency can be adjusted by adding a little water. A waiting time of at least 12 hours shall be kept between each working step.

Do not mix with other substances. Work evenly and without interruption. The amount of added water depends on the delivered consistency and subsurface.

Configuration of coatings:

Solid subsurface with low water absorption:

- 1 x Baunit SilikatColor diluted with max. 20 % clean water (over the whole area)
- 1 x Baunit SilikatColor (max. 10% diluted)

**Dilution is depending on the delivered consistency and the water absorption of the subsurface.**

Sandy subsurface with high or varying water absorption, old ETICS facades:

- 1 x Baunit RePrimer Plus
- 1 – 2 x Baunit SilikatColor (max. 10% diluted)

**Notes and General Information**

Air-, material- and subsurface temperatures have to be higher than +8°C during processing and setting. Protect facade against direct solar radiation, rain or strong wind (e.g. scaffolding protection net). High temperatures during summer shorten the drying time seriously and can lead to untimely drying out of the paint

High air humidity and low temperatures can extend the drying time considerably and may lead to an irregular colour change. A consistent colour appearance can only be guaranteed if the products are from the same production batch. If several batches are used, always ensure that they are mixed before starting work.

The development of the colour tone can be influenced by the conditions of the subsurface, temperature and air humidity.

To avoid colour-irregularities, the material demand is ordered at once for the whole project, therefore it can be produced at once. Delivery is possible in partial amounts.

For objects with critical surrounding (high moisture load, nearness to water bodies, nearness to forests, high tree- or grass population, etc.) and for renovation of algae- or fungus polluted facades, we recommend to order Baunit SilikatColor with additional protection against algae- and fungus attack.

With such additional protection, a delaying and preventive effect can be achieved. A durable avoidance of algae and fungus can not be guaranteed.

Please pay attention to the bulletins (algae and fungus on facades) from ÖAP and the Quality Group ETICS

The brightness reference value may not be lower than 25 when used on ETICS.

In case of application on traditional plaster systems (without ETICS), ÖNORM B 3346 and the application guideline for factory mixed mortars are valid in the respective actual version.

Safety precautions:

Protect eyes and skin, surrounding of the areas to be coated, especially glass, ceramic, clinker, natural stones, lacquer and metal. Wash any plaster-splatter with lots of water, never wait until the plaster is cured.

Clean tools with water immediately after use

---

Written and oral application technology recommendations provided by us to assist the seller/processor are based on our experience and reflect the current state of the art in science and practical application know-how. However, it is understood that these recommendations are non-binding. They do not create any legal relationship or any ancillary obligations in connection with the sale contract. They do not release the buyer from its obligation to verify the fitness of our products for the intended purpose or use by itself.