

EnveoPutz Silicat

HIGH VAPOURPERMEABLE
RENDER WITH EXCELLENT
ADHESION FOR DURABLE
FACADE

EnveoPutz Silicat is a silicate finishing plaster intended for decoration and protection of facade surfaces. Due to high content of silicate and extreme vapor permeability, it naturally regulates moisture and possibility of development of microorganisms. It is available in many tones in line with Enveo color fan.

Product benefits:

- Excellent vapor permeability of plaster
- Great adhesion
- High level of protection from algae and mold

Area of application

EnveoPutz Silicatis part of Enveo facade systems with EPS and stone wool. Tones with HBW index lower than 30% should be used only for smaller surfaces, such as borders on windows, doors, and other openings.



Product classification

V2-W2-0,3Mpa- $\lambda=0,82W/(m^*K)$ -B-s2,d0

(EN 15824:2017)

Surface preparation

The base on which the product is applied on must be clean, solid, dry, without traces of oil and grease, supported and without parts falling off. Plaster may be applied to surfaces based on lime and cement, previously treated with primer EnveoGrund. Cement-lime plasters and concretes must be at least one month old, with moisture residue of < 2%. Insufficiently supported coatings and parts that are falling off, coatings soluble in water (during surface washing) should be fully removed and repaired with appropriate material. Surfaces contaminated with mold and algae should be washed with hot water and disinfected with appropriate products.

Product preparation and installation

1. Minimum 24h before application of facade plaster the surface should be covered with basic primer EnveoGrund for the purpose of improving adhesion, regulation of water absorption, improvement of water permeability and open working time of the plaster. Primer must be toned in the same tone as the facade plaster.
2. EnveoPutz Silicat should be well mixed before use to the bottom in each bucket individually, and afterwards, homogenize the material from different batches and/or packages in one large vessel for tone alignment (equalization). For the purpose of setting intended consistency of plaster, as necessary, add a maximum of 250 ml of pure water at 25 kg of products. Subsequent adding of water and pigment is not allowed.
3. Facade plaster is applied with steel trowel in the thickness of the largest grain. Properly applied plaster should be processed with PVC or metal trowel using light pressure on the surface of circular or straight movements

depending on the structure and intended appearance. Application and processing of plaster shall be performed in continuity for the surface to appear consistent. For successful performance, it is necessary to align the number of operators compared to the number of floors and surface, in order for the material joints to be developed in wet condition and invisible after completion.

4. Facade system must be secured with sills to achieve full protection from penetration and drainage of water down the surface. Product should not be used on horizontal surfaces where impurities, water and snow may be retained.
5. During installation and drying the temperature of the surface and air must be between 5°C and 30°C. Material should be protected from the impact of sun, wind and rain for at least 24h, after which period resistance is achieved to atmospheric impact. Recommended protection method includes setting scaffold screens, but it may be insufficient in case stated impact is of strong intensity. In case weather conditions do not match the requirements; it is necessary to stop the work and wait for the optimum conditions.

* All stated parameters refer to standard weather conditions: temperature 20°C, relative humidity up to 65%.

The manufacturer recommends application on small, test surfaces to make sure the product/surface are properly prepared and that appropriate conditions of use and installation are provided. If not, please stop the work and contact the representative of Saint-Gobain građevinski proizvodi d.o.o. Beograd. The company shall not be responsible for incorrect execution of works with the stated material as well as use of material for the purpose not stated in product description. Complaints submitted after the completion of execution of works shall not be accepted.

Tools

For mixing: electric mixer.
For application and straightening: steel and plastic trowel, spatula.

Product consumption

Approximately 2.5-3.5 kg/m² depending on granulation and type of facade.

Keeping, storage and transport

Product EnveoPutz Silicat must be stored in original, undamaged packaging, on solid and functional pallets, in dry space, without direct exposure to snow, rain, hail and sun, protected from frost, in closed or covered space.

The product is not hazardous for transport in the sense of all national and international transport regulations. During transport, the product must be protected from the elements. Transport and store the product at temperature from +5 °C to +30 °C.

Product safety

Product is not classified as hazardous.

Warning!

Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist.

Technical characteristics of the product

Product color: EnveoPutz Silicat is a white facade plaster that can be toned in line with Enveo tone card.

Packages: plastic bucket 25 kg, 600 kg on the pallet.

Expiration date: 12 months from the production date pressed on the bucket.

Detailed information on product, additional documentation and safety data sheet are available on the official webpage www.saint-gobain.rs.

Cleaning

Residue of fresh product can be cleaned from the tools and surfaces with water. Hardened product must be removed only mechanically.

Product limitations

Facade plaster EnveoPutz Silicat cannot be used in the following situations:

- With wooden and metal surfaces
- For application in several layers and over the existing finishing plaster.
- At temperatures for storage, transport, application and drying lower than +5 °C and higher than +30 °C,
- With surfaces containing impurities and moisture
- On horizontal treading and roof surfaces.

Environment

Unused product and empty packaging may not be disposed outside of waste management locations. See safety data sheet of the product for more information.

Disposal method

Disposal of content and packaging in line with local regulations. Dispose the packaging and unused material separately. Do not allow penetration into the sewerage system. Do not dispose together with municipal waste.

Country of origin and product manufacturer

Country of origin: Republic of Serbia

Manufacturer: Saint-Gobain građevinski proizvodi d.o.o. Beograd,
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Technical information stated herein as well as recommendations are based on our knowledge and experience in cases when the product is properly stored, used, transported and when handled in regular conditions. The buyer, or the user of the product is advised to test the product, if it is suitable for use for intended purpose. Considering the fact, we do not have influence on the circumstances of product use and handling, we shall not be liable for consequences occurring from irregular use. The buyer, or the user of the product shall be liable in case the product is kept, transported, installed and used contrary to instructions, purpose and properties and information on product safety, as well as after stated expiration date for product use. Our team of experienced experts provides advice in phases of planning and application of our products. Visit to the construction site and demonstration of application of our products may be organized at request. Complaints submitted after the completion of work will not be accepted. Contact our technical team and find out more on our products on the website www.saint-gobain.rs. This technical data sheet is valid from 01.03.2025 and supersedes all previous versions for this product.



EFFICIENCY THAT CATCHES ALL OPPONENTS

EnveoPutz Silicat

is a highly effective, self-cleaning plaster that is naturally resistant to micro-organisms, UV rays and is water repellent.

www.testisthebest.com

Enveo Therm

