

webermin hirofa

SPRAYED MINERAL LIME
THIN LAYER PLASTER

webermin hirofa is a sprayed mineral lime thin layer finishing plaster for decoration and protection of facade surfaces.

Product benefits:

- Vapor permeable
- Unique structure
- Easy application

Product classification:

CS II Wc0 A1 (EN 998-1:2016)

Area of Application

Vapor permeable solution is suitable for outdoor and indoor use, with unique structure. Easy application and workability, suitable for new and renovation of old buildings.



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. Drying of the lime-cement plaster must last at least 28 days, and for the reinforced layer at least 1 day/mm of thickness prior to primer application, while concrete surfaces must be at least one month old. Moisture residue on limecement and concrete surfaces must be $\leq 2\%$. 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 prior to application of the primer. Surfaces contaminated with mold and algae should be washed with hot water and disinfected with appropriate products.

Product use and installation

1. With new, very absorbent and old surfaces perform impregnation with deeply penetrable primer weberprim deep at least 12 h prior to plaster application, for the purpose of increasing loading capacity and surface absorption regulation. Primer should be diluted with pure water in the ratio of 1:3 to 1:6 depending on surface type.
2. Bag content of weberprim hirofa (25 kg) should be added to 6,5 l of pure water and mixed with electric mixed until it is fully homogenous. Mixed product should be left for 10 minutes, and afterwards, it should be mixed. If required, add up to 1% (250 ml) of pure water to set the consistency of plaster. Subsequent adding of water is not allowed.
3. Facade plaster should be applied using special tools (so-called "hedgehog") thus receiving the structure of sprayed facade. Material should be distributed evenly, in continuity and without interruptions in the field, to achieve homogenous appearance. It is recommended to apply the mineral plaster hirofa in a thin layer, to avoid cracking. Wait for the surface plaster to dry between two applications of plaster. Prepared mass should be used within 2 h from start of works.

4. Facade system must be secured with sills to achieve full protection from penetration into the facade system 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, material should be protected from the Sun, wind and rain for at least 48h, after which the material shall be resistant to atmospheric impact. Recommended method of protection includes setting scaffold screens, but it may be insufficient in case stated impact is of strong intensity. Painting of mineral plaster is possible 4 weeks from the completion of works at earliest. Prior to painting of plaster using paint with acrylic or silicate base, it is necessary to perform impregnation with weberprim deep primer diluted with pure water in ratio 1:6.

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

6. Temperature of the surface and air during the application of facade plaster webermin hirofa must be between 5°C and 30°C. In case weather conditions do not match the requirements; it is necessary to stop the work and wait for the optimum conditions.

The manufacturer recommends application on small, test surfaces to make sure the product/surface are properly prepared and that appropriate conditions for use and installation have been provided. If not, please stop the work and contact the Saint-Gobain građevinski proizvodi d.o.o. Beograd company representative. 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 leveling: steel and plastic trowel, "hedgehog", compressor spray.

Product consumption

Approximately 3.0-3.5 kg/m² depending on different factors, some of them being: absorption and roughness of the surface, layer thickness, grain granulation and method of application.

Keeping, storage and transport

Product webermin hirofa 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

Hazardous compound ingredients: Hydrated limestone 10-20%



Danger

May lead to severe eye damage. Causes skin irritation. Keep out of reach of children. Wear protective gloves, protective clothes, protective goggles and face protection. IN CASE OF EYE CONTACT: Carefully rinse with water for a few minutes. Remove contact lenses, if any, and if possible. Continue rinsing. Wash hands in detail

after handling. In case of skin irritation, seek medical advice. Remove clothes and wash before next use. Disposal of content and packaging in line with regulations in RS.

Technical characteristics of the product

Product color: webermin hirofa is a facade mineral white plaster.

Packaging: natron bag 25 kg, 1200 kg on the pallet.

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

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

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 mineral plaster webermin hirofa cannot be used in the following situations:

- With wooden, plastic 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.

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, 115d Bulevar Mihajla Pupina Street, 5th floor, 11070 Novi Beograd, Republic of Serbia.
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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. Contact our technical team and find out more on our products on the website www.saint-gobain.rs.