EXTERIOR

BIOFA

Item no. 1405
1405 1-4

EUROMIN Facade Paint

solvent free

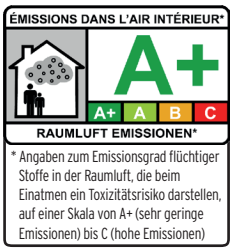
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Facade paint for exterior mineral substrates

- Crystal Clear Ingredient Declaration (www.biofa.de)
- Low-emission *
- 95% renewable and mineral ingredients **
- 1405 white, 1405 1-4 colored price groups 1 to 4
- Diffusible and moisture regulating
- Very good adhesion and high coverage
- Extremely weather resistant
- UV-resistant and lightfast
- Without preservatives and biocides



Properties:

Ready-to-use silicate paint made of potassium silicate in accordance with DIN 18363/2.4.1. EUROMIN consists of 95% natural raw materials, is highly diffusible, non-combustible, lightfast, UV-stable and extremely weather-resistant with minimal soiling tendency. It has high adhesion, high covering power, is fungus and algae resistant thanks to the product's own alkalinity and is free from preservatives and biocides. Organic content < 5%.
For uncoated lime, lime-cement and clay plasters, masonry, fiber cement boards, concrete, sand-lime brick and similar mineral substrates, old, firmly adhering lime and silicate paint coats as well as old matt emulsion paints and old silicone resin paints that still adhere well.

Color shade:

The façade paint can be tinted ex works according to the BIOFA SILIC color guide.

** Ingredients:

Water, chalk, potassium water glass, silica brine, titanium dioxide, coloured pigments depending on shade, silicates, acrylic resin dispersion, stabilizer, hydrophobing agent, thickener, defoamer, wetting agent.

44 per cent water and renewable raw materials
51 per cent mineral and metallic raw materials
5 per cent chemical-synthetic and fossil raw material

Processing steps::

1. Preparation The substrate must be dry, sound, absorbent and clean. Clean with a high-pressure cleaner if necessary. Remove all latex, oil paint and glossy synthetic resin coatings. Carefully cover all substrates that are not to be coated. Repair hairline and shrinkage cracks and other damage to the plaster well with mineral filler. Remove formwork oil residues with a suitable cleaner. Grind off lime sinter layers or remove with fluating agent. Pre-treat highly absorbent and sanding substrates with Universal Fixative 1440. Treat fresh concrete after 30 days at the earliest and fresh lime and cement plaster after 10 days of drying.

The information and instructions in the technical leaflet are binding. Prior consultation with the application engineering department of BIOFA is required if a deviation from these specifications is necessary. The generally accepted construction engineering practices must be observed. All previous information is null and void after the publication of this leaflet.
BIOFA Naturprodukte W. Hahn GmbH, Dobelstr. 22, D-73087 Bad Boll Germany, www.biofa-de.com, Tel. 07164-9405-0, Fax 07164-9405-96

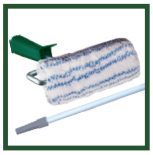
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Attention! Before painting older façade surfaces, any dirt, mold, fungus, moss or algae must be thoroughly removed using a high-pressure cleaner. On façades that are or were covered with vegetation, all plant parts and pollen (suction and adhesive pollen) must be completely removed mechanically and/or by flaming. Otherwise, these organic residues may later bleed through or cause discoloration as well as paint peeling in these areas.
Important note: When coating the various substrates with aqueous, open-pored paint systems in exterior areas, certain substances such as rust, various salts and moisture from the substrate can penetrate or lead to discoloration or differences in color. It is therefore essential to check the substrate for suitability and carry out preliminary tests (sample areas). Observe VOB!
2. Base coat Stir EUROMIN Facade Paint thoroughly and apply with a roller, brush or by airless spraying. For strong colors, mix EUROMIN colored 1:1 with EUROMIN Facade Paint white 1405 for the base coat. For normally absorbent plaster substrates, the first coat can be thinned up to 10% with Universal Fixative 1440. Any dried paint particles from the edge of the container or cover can be removed from the paint by sieving after dilution with Fixativ.
Important: Ensure that the paint is applied evenly! Work wet-on-wet towards and at the edges and on larger areas to avoid build-up. Only use soft paint rollers that can absorb enough material! Carry out preliminary tests!
Do not apply at temperatures below 5°C and in hot weather (over 30°C in the shade) or in strong sunlight.
3. Topcoat For EUROMIN white apply 1 additional coat, for EUROMIN color 1-2 additional coats; these can be diluted up to 5% with BIOFA Universal Primer 1440.
4. Equipment cleaning Immediately after use, clean with BIOFA Brush Cleaner 0600 and water.

Recommended Equipment:





1. **009977 / 009992 /009991** Professional wall paint roller 100 mm / 180 mm / 270 mm
2. **009952 / 009996 / 009954** Roller bracket 100-120 mm / 180-200 mm / 250-270 mm
3. **009973** Tool handle
4. **009909 / 009910** Flat brush, professional quality 40 mm / 60 mm for waterbased products
5. **0600** BIOFA Brush cleaner for cleaning the working equipment

Drying:

Can be painted over after 8 hours under normal conditions (20°C/65% relative humidity) and moderately absorbent substrate. In unfavorable conditions (substrate/humidity/temperature), correspondingly longer drying times.

Consumption/yield per coat

170-180ml/m² or 5-6m²/l for a normally absorbent substrate. Determine the exact application quantity by trial application on the object.

Storage:

Keep cool, dry, protect from frost, and store properly sealed. Process opened container promptly. Minimum shelf life: 12 months
Attention: May thicken up if stored at excessive temperatures!

Container: PE container.

Disposal:

Liquid product residues and containers that have not been completely emptied and cleaned should be taken to a collection point for old paints/varnishes or disposed of in accordance with local/national regulations. Small residual quantities and soaked working materials can be disposed of with household waste after drying out.
Only dispose of empty and cleaned containers for recycling.

EWC waste code according to the European Waste Catalogue: 08 01 12

Hazard warnings and safety instructions:

Caution! Hazardous respirable droplets may be produced when spraying. Do not inhale aerosol or mist. Keep out of the reach of children. If medical advice is required, have packaging or label ready. Coating material is alkaline. Protect eyes and skin from contact. Wear protective gloves and safety goggles (no glass). In case of contact with eyes and skin, rinse immediately with plenty of water. When spraying, do not inhale the spray mist and wear suitable respiratory protection (combination filter A2/P2) and safety goggles. Use respiratory protection (dust filter P2) when sanding. Wash off paint splashes on all types of surfaces immediately and thoroughly with water. Do not allow to enter drains, waterways or soil.

Read the Safety Datasheet (available online or upon request).

VOC labeling iaw. Decopaint directive and ChemVOCFarbV:
EU threshold (Cat. A/c): 40 g/l (2010), 1405 contains max. 20 g/l VOC

GISCODE: BSW40

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