

Hansa Silicate Primer

Silicate primer for mineral facades



- Strengthens the weak substrate
- Improves moisture resistance of surface
- Creates uniformly absorbent surface
- Very good water vapor permeability
- Excellent adhesion

TECHNICAL DATA		
Fields of application	Residential, commercial, industrial buildings and storage facilities. Applicable for painting concrete, lime- or lime-and-cement treated plaster surfaces, silicate bricks, as well as for surfaces formerly painted with lime-, lime-and-cement, cement or silicate paint prior to their finishing with silicate paint <i>Hansa Silicate</i> . Can be used also for interior mineral surfaces.	
Coverage (per coat)	4- 6 m ² /l. Coverage depends on painting method and roughness of the surface painted.	
Application method	To be applied with a painting brush, roller or high pressure airbrush. The high-pressure airbrush nozzle shall be 0,018" - 0,023" or 0,460 - 0,580 mm.	
Drying time	(at +23 °C, relative air humidity (RH) 50%) 12 hours – recoatable. Lower air temperature and higher air humidity will increase the drying time.	
Cleaning of painting tools, thinner	Water. For thinning use instructions below.	
Storage	Protect from frost!	
Storage time	In tightly closed original container 3 years from production date (stated on can).	
Density	1,0 kg/l, (ISO 2811).	
Packaging	5,0 L; 10,0 L.	



INSTRUCTIONS FOR USE

PREPARATION

Unpainted surfaces:

New concrete surfaces can be painted only after first heating season and newly plaster-treated surfaces after 1-2 months hardening period. Clean the surface from dust, dirt, salts and other exfoliating or fractured particles by pressure wash or with steel brush. Wash surfaces contaminated with algae or mould with *Tikkurila Homeenpoisto* according to manufacturer's instructions. Treat uneven surface and cracks with cement mortar or lime mortar appropriate by composition. Smaller cracks can be filled with mixture of sand with *Hansa Silicate*. To improve adhesion and to clean cast concrete from cement glue, treat the glass-like glossy layer with a sandblaster or steel brush prior to priming.

Previously painted surfaces:

Clean the surface from exfoliated, fractured, chalky paints and loose decorative coatings with a sandblaster, steel brush or pressure wash. All organic paint must be totally removed by means of sandblaster, steel brush or pressure wash. Open the cracks in concrete, clean steel reinforcement from rust and treat them with anticorrosive paint. All the surface defects have to be fixed in compliance with the specifications for the construction material. Treat uneven surfaces and cracks with cement mortar or lime mortar appropriate by composition. Smaller cracks can be filled with mixture of sand with *Hansa Silicate*. Treat surfaces contaminated with algae or mould with water solution of *Tikkurila Homeenpoisto* according to manufacturer's instructions.

PRIMING

Porous absorbent surfaces to be primed with mixture of primer *Hansa Silicate Primer* and water (mixing ratio 1:1), using wet-on-wet method, i.e. 2-3 layers of priming solution to be applied to the surface within a short span of time. Not earlier than after 12 h prime the surfaces with mixture of *Hansa Silicate Primer* and *Hansa Silicate* (mixing ratio 1:2). Moderately absorbent surfaces to be primed with priming paint *Hansa Silicate Primer*. Not earlier than after 12 h prime the surfaces with mixture of *Hansa Silicate Primer* and *Hansa Silicate* (mixing ratio 1:2). Hard and compact surfaces to be primed with mixture of *Hansa Silicate Primer* and *Hansa Silicate* (mixing ratio 1:2). **NB!** Prior to priming, cover the surfaces which are not subject to painting (e.g. window panes, natural stone or metal, plants etc).

PAINTING CONDITIONS

Surface should be clean and dry, air temperature between +5°C and +28°C, relative air humidity below 80%. Avoid high temperatures and direct sunlight during painting.

CLEANING OF TOOLS

Clean painting tools from liquid paint residue, wash with water



Irritant

ENVIRONMENTAL, SAFETY AND WASTE REGULATORY

Contains: potassium silicate. Risk of serious damage to eyes. Keep out of the reach of children. Do not breathe spray. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Wear suitable protective clothing, gloves and eye/face protection. If swallowed, seek medical advice immediately and show this container or label. Use only in well ventilated areas.

Do not discharge the product into sewerage systems, watercourse, nor pour it onto the ground.

Dry and empty containers should be discarded in compliance with the local regulations. EU (VOC) limit value (subgroup A/h) is 30 g/l. Maximum content of VOC in readymade product 30 g/l.

TRANSPORTATION

Protect from frost!

ADDITIONAL PRODUCT INFORMATION

www.vivacolor.ee

The data above are verified and correct and based on the laboratory tests held as well as on practical experience. Our management system is certified according to international standards ISO 9001 and ISO 14001. As a producer, we cannot be held responsible for any losses incurred upon non-compliance with the technical data sheets or application terms for a particular product. AS TIKKURILA Liimi 5, 10621 Tallinn, Estonia, tel +372 650 11 11, fax +372 650 11 22, e-mail: info.ee@tikkurila.com

