

PRIMER Mineral binder

PRODUCT DESCRIPTION.

PRIMER is a silicate binder with a minor addition of acrylate. PRIMER is used as pre-treatment to painting with SILIKAT and LOTUSIL silicate Paints. And to strengthen, bind dust and increase the hydrophobicity (water repellency) of plaster, concrete, brick and other mineral substrates.

PRIMER is water based and free from addition of organic solvents or biocides.

APPLICATION AREAS

	Pre-treatment to SILIKAT and LOTUSIL painting.	Dustbinding sealing and strengthening.	Protect against growth of fungus and algae.	Restore Ph in acidified plaster, concrete and brick.	Wet grinding of concrete floors.	Reduce staining from coffee, wine etc.	Notes.
Exterior Lime/cement plaster facades.	X	X	X	X			
Interior lime/cement plaster walls.	X	X					
Exterior clay plaster facades.	X	X	X	X			
Interior clay plaster walls.	X	X					
Exterior burned clay brick facades.	X	X	X	X			
Interior burned clay brick walls.	X	X					
Exterior concrete facades.	X	X	X	X			
Interior concrete walls	X	X					
Exterior facades of reinforced cement tiles.	X	X	X	X			
Exterior concrete floors		X	X	X	X	X	
Interior concrete floors		X	X	X	X	X	
Roof tiles concrete. burned clay tiles, reinforced cement tiles.	X	X	X	X			

PRIMER has many application areas:

- a) Bind loose particles in plaster, concrete and brick facades before painting with SILIKAT and LOTUSIL. Especially important for new plaster and substrates with lime residues.
- b) Reduce and equalize (when different plaster and concrete materials has been used) capillary suction in

the substrates before painting with SILIKAT or LOTUSIL silicate paints. Will reduce risk of mottling and chalking.

- c) Reduce capillary suction. Especially recommended for aerated concrete, lime plaster and burned clay bricks.
- d) Bind dust in concrete floors without reducing water vapor diffusion significantly.
- e) Make concrete floors easier to maintain and clean.
- f) Restore and protect unpainted facades of plaster, concrete and brick against acidification, cracking and growth of fungus and algae. The Ph. value will be increased and the substrate will be more resistant both chemically and mechanically.
- g) Treatment of roof tiles like burned clay, concrete and reinforced cement against degradation and growth of microorganisms.
- h) Protect the natural colors of the plaster-, brick- and concrete facades.
- I) Dilute the SILIKAT and LOTUSIL silicate Paints.

PRODUCT PROPERTIES.

The waterglass in PRIMER is silicized by carbonatization with carbon dioxide in the air and the substrate to a hard and sustainable surface. The substrate will be mechanically and chemically more resistant. The capillary suction of the substrate will be reduced.

The acrylate (2 %) will enhance physical adhesion without significantly reducing water vapor diffusion. PRIMER protects against growth of fungus and algae.

INSTRUCTIONS.

Preparation of the substrate.

The substrate must be dry, clean and have capillary suction capacity. No fat, oil or plastic residues. Old film forming paints must be mechanically removed. Surface with lime residues should be cleaned with a hard type of brush. Loose areas and particles should be removed. Major holes and cracks can be renovated with a mixture of PRIMER and fillers like crushed marble.

Use of PRIMER.

Pre-treatment to painting with SILIKAT and LOTUSIL.

PRIMER (diluted 1:1 with water) is applied with brush, roller or spraying device and until surface is saturated.

Make concrete floors easy to clean and maintain.

1 to 3 treatments with undiluted PRIMER depending on surface structure of the floor.

Protect plaster, concrete and brick facades while maintaining its natural colors.

1-2 treatments with PRIMER (diluted 1:1 with water).

Conditions.

Air and substrate temperatures $> + 5^{\circ}\text{C}$ and relative humidity of $< 80\%$. Do not apply in direct sunlight or on sun heated surfaces. Protect coated surfaces from rain and strong sun light during application.

Drying time.

Drying time is 8 hours between the coats.

Consumption. .

0,15 - 0,25 liter /m² depending substrate structure and pretreatment.

Cleaning of tools.

Clean tools directly after use in water.

PRODUCT SPECIFICATIONS.

Content: Potassium silicate , acrylate and water.

Ph value:10,5

PRIMER is delivered in plastic containers of 9 and 3 liters. Unbroken container has a shelf life of 2 years. Must be protected from freezing.

SECURITY and ENVIRONMENT

<p>Warning </p> <p>Irritates the skin Causes serious eye damage.</p> <p>Wash your hands thoroughly after use.</p> <p>Wear protective gloves, eye protection and protective clothes.</p> <p>BY SKINCONTACT: Wash with lots of soap and water.</p> <p>BY EYECONTACT: Rinse carefully with water for several minutes. Remove contact lenses if possible. Continue rinsing.</p> <p>Contact immediately POISONINFORMATION CENTER or medical doctor.</p>

SILIKAT, KRISTALLAT, WATERGLASS and PRIMER react with glass so windows and ceramics must be protected.

Residues and containers are deposited at local environment- and recovery site.

ALABASTER *farg* AB
www.alabasterfarg.se
mans@alabasterfarg.se
0734 272888

Since there are different conditions present at each occasion ALABASTER *farg* AB can't be held responsible for other information than the information given in this product overview. Examples of conditions outside the liability of ALABASTER *farg* AB are information about construction, influence from other products, workmanship and local conditions. It is recommended to make tests when there are uncertainties or consult ALABASTER *farg* AB for advice.