



Silin

Lasur

Mineral Stain for Masonry



Cathedral Stone Products® Inc. introduces Silin® Lasur Stain, for use on masonry, stucco, and plaster. The Lasur stain is ideal for interior and exterior surfaces plastered with cementitious mortars. The stain is completely inorganic and after drying, produces a flat finish. The glaze is non-flammable and does not develop toxic gases. The Silin® Lasur silicifies with the substrate and preserves its breathability.

Application is by brush, roller and airless sprayer. For more decorative finishes, the use of sponges and brushes are acceptable.

Features and Benefits

- ***Specially Formulated for Masonry***
- ***97% Vapor Permeable***
- ***Color Fast***
- ***Retards Corrosion***
- ***Fire Retardant***
- ***Withstands Extreme Climate Conditions***
- ***Easy to Apply***

Application Procedures

Surface Preparation

All mineral surfaces are suitable if they have cured and are clean, solid, dry and absorbent. Wood, plastics or oil paints and enamel coatings are not suitable as a substrate. *For substrates containing gypsum, contact us for special assistance.* Repairs of the plaster have to be executed with an adequate mortar. The surface of the repaired areas should match the texture and color of the existing surface. Hairline cracks must be repaired prior to application. Silin Lasur must be applied to clean masonry surfaces. Any previous coating must be removed prior to application. Temperature (ambient and substrate) must be at least 45° F (8° C) and below 90° F (32° C). Do not apply the Silin Lasur when precipitation is expected within 48 hours of application. Do not install Silin Lasur when the temperature is expected to reach the dew point within 24 hours. Do not work in the

direct sun. Always maintain a wet edge when applying Lasur. Silin Lasur is designed for vertical surfaces only. Horizontal surfaces, especially where water can pool, are not suitable for application.

PROTECT ALL AREAS THAT ARE NOT GETTING COATED, ESPECIALLY GLASS. Once the Lasur dries, it becomes part of the substrate and cannot be removed. Do not apply under wet conditions.

Apply a Sample First

A sample should always be applied and evaluated for color before any large areas are coated. For a more accurate color representation, allow one to two days after applying the sample before determining if the color is acceptable.

Mixing

The ratio of the mixture between Silin® Lasur and Silin® AZ-Fixative depends on the desired effect of the stain. **The more Silin® AZ-Fixative used, the more transparent the stain.** Different substrates with varying degrees of porosities will also have a greater or lesser effect on the color. To avoid a glass effect, dilute Silin® AZ-Fixative with water. Colors should be tested and adjusted on site.

Clean Up

Place tools in clean water when stopping work. Clean tools with clean water immediately after finishing work. Dried Silin® Lasur is insoluble in water.

Coverage

The coverage depends on the proportion in the mixture and the absorptive capacity of the substrate. The exact quantities needed have to be determined on a trial area.



Safety Information

Eye protection should be worn during mixing to protect eyes. Avoid contact with skin and mucous membranes. Work in well ventilated area.

Formulation Chart

Degree of Transparency	Parts Silin Stain	Parts Silin AZ-Fixative	Dilution of Silin AZ-Fixative
Low	1	3 - 5	Undiluted
Medium	1	6 - 25	Diluted 1:1 with water
High	1	26 - 100	Diluted 1:2 with water

Storage and Shelf Life

Store in a cool place. Use stain within twelve months time. Stir well before using.

Warning

Not for internal consumption. Keep out of the reach of children and animals.

Packaging and Coverage

Silin Lasur is available in a kit. Individual components can be purchased separately. Colors in the Silin Lasur kit were chosen to achieve a large variety of natural earth tones. Additional colors are available (see color chart). Coverage will vary greatly depending on degree of transparency (See formulation chart) and the porosity of the substrate.

Silin Lasur Kit

<u>Item</u>	<u>Quantity</u>
Silin AZ Fixative	10 liters (approx. 2.6 gallons)
White	1 pint
A52 – Ochre	1 pint
A53 – Terra Cotta Red	1 pint
A54 – Red	1 pint
A56 – Green	1 pint
A57 – Umber	1 pint
A58 – Black	1 pint
A59 – Brown	1 pint
Color Fan	1 unit
Toolbox	1 unit
Graduated Syringes	2 units

Color Chart

<u>Color Number</u>	<u>Color Name</u>
A51	Bright Yellow
A52	Ochre
A53	Terra Cotta Red
A54	Red
A55	Marine Blue
A56	Green
A57	Umber
A58	Black
A59	Brown
A60	Cobalt Blue
A61	Lasur Blue
A62	Light Green
A63	Goldenrod
A64	Clay
A65	Gray
WeiB	White

Notice: The information contained herein is based on our own research and the research of others, and it is provided solely as a service to help users. It is believed to be accurate to the best of our knowledge. However, no guarantee of its accuracy can be made, and it is not intended to serve as the basis for determining this product's suitability in any particular situation. For this reason, purchasers are responsible to make their own tests and assume all risks associated with using this product.

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