

PROFESSIONAL LINE

SILILUX FINITURA

Silicate based mineral paint

CODE 46-1..


DESCRIPTION AND USE

Mineral paint based on Potassium-silicare, designed for interior and exterior application to protect and decorate buildings, monuments and historical centres where keeping high breathability and an antique aspect are fundamental requirements. SILILUX FINITURA is the ideal coating for new or old surfaces based on concrete, lime-cement, fibercement, free from organic based paint.

The phenomenon triggered after the application, called "silicatization" allows the coating to bind to the substrate; following the standard parameters for a right application (temperature, humidity and ventilation) you will achieve a very protective coating characterized by high breathability and non-flaking in time.

Aspect of the dry film: flat

APPLICATION DATA

1 h DRY TO TOUCH	16h RECOAT TIME	6 m²/l SPREAD RATE 2 COATS CIVIL PLASTER	THINNING WITH SILILUX FONDO	1° COAT  100% v/v	2° COAT  20% v/v	2° COAT  15% v/v
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TECHNICAL DATA

COMPOSITION	Based on potassium silicates, alkali and atmospheric agents resistant pigments and charges.
SPECIFIC GRAVITY	1.540±0.030 kg/l
FLASH POINT	Not flammable
SOLIDS BY VOLUME	40%
V.O.C	< 40 g/L
AVERAGE VISCOSITY	1450 Poises (Brookfield rot. n ⁴ / 2 rpm a 21°C)
FILM THICKNESS	Dry: 150 – Wet: 375 (µm)
STEAM DIFFUSION (DIN EN 1062-1 dry film thickness: 150µm)	Sd= 0.05
WATER PERMEABILITY (UNI EN 1062-1 dry film thickness 150 µm)	W = 0.55
COLOURS	White – Rivestimenti Plastici colour card – Selezione Architettura
PACKAGING	14000 ml

Revision No. 0 dated February 2009

WARNINGS

- Keep from freezing
- Do not apply on hot surfaces, in direct sunlight and when temperature is below 5°C
- Protect from rain in the days following the application
- Protect glass, marble and metallic parts during application
- Clean the tools with water immediately after use
- Store in a dry place away from sunlight

PAINT SYSTEM

- **New walls:**

After 30-40 days curing apply one brush coat of Sililux Fondo (diluted 2:1 with water). After at least 12 hours apply one coat of Sililux Finitura (thinned 1:1 with Sililux Fondo). Wait at least 16 hours before applying the second coat of Sililux Finitura (thinned with 20% Sililux Fondo).

- **Walls to repaint**

Degraded unpainted walls: brush carefully with a wire brush. Clean with water and washer; let the surface dry. Apply one brush coat of Sililux Fondo (diluted 1:2 with water). After at least 12 hours apply one coat of Sililux Finitura (thinned 1:1 with Sililux Fondo). Wait at least 16 hours and apply the second coat of Sililux Finitura (thinned with 20% Sililux Fondo). For very damaged surfaces, apply one brush coat of Isolante solvente before applying Sililux Fondo.

Walls with old paints and loose plaster: completely remove all loose areas; brush carefully with a wire brush and clean with water or low-pressure washer; let the surface dry. Restore all removed areas with hydraulic mortar or ready-mix. Let cure for at least 10 days.

- **Old mineral based paints:** Apply one brush coat of Sililux Fondo (diluted 2:1 with water) over the whole surface. After at least 12 hours apply one coat of Sililux Sealer. Wait at least 8 hours before applying one coat of Sililux Finitura (thinned with 20% Sililux Fondo).
- **Old synthetic based paints:** Apply one brush coat of Fissativo Acrilico (diluted 1:5 with water) over the whole surface. After at least 12 hours apply one or two coats of Sililux Sealer. Wait at least 8 hours before applying one coat of Sililux Finitura (thinned with 20% Sililux Fondo).

Walls with old mineral-based paints in good conditions: Clean with water or low-pressure washer; let the surface dry. Apply one coat of Sililux Finitura (thinned 1:1 with Sililux Fondo). Wait at least 16 hours before applying the second coat of Sililux Finitura (diluted with 20% Sililux Fondo).

VOCE DI CAPITOLATO:

SILILUX FINITURA

**Potassium-silicate based mineral paint, high permeable to water steam and CO₂, designed for the decoration and protection of interior and exterior wall surfaces, new or restored but free from old organic coating (Quartz).
Evenly apply two brush or wool roller coats of product with an average spread rate of 0.170 l/m²**