



ard f.lli raccanello s.p.a.

Industria vernici e smalti

TECHNICAL SHEET **271**

CODE 0.095.1010

silrest intermedio

Bonding primer

GENERAL PROPERTIES

SILREST INTERMEDIO is a product based on potassium silicate, devised as a primer when applying the Silrest line of mineral products on old organic paints. It is not necessary to remove old synthetic paintwork before applying SILREST INTERMEDIO.

SILREST INTERMEDIO creates a bonding bridge between the substrate & the silicate paints and preserves an open capillary network fundamental for the passage of water vapour from the inside to the outside.

SILREST INTERMEDIO also offers an excellent filling power capable of uniforming any differences in the substrate (structural/absorption). Thanks to this specific feature SILREST INTERMEDIO can be recoated with other types of finishes such as the SILIARD line of products.

INSTRUCTIONS

Preparation of the substrate:

- Bare walls: ensure the substrate has weathered for at least 28 days in order to avoid an excessive superficial calcium alkalinity, which would impede the silicate from penetrating in depth therefore forming a crust destined to detach.
Clean thoroughly, remove dust, filth and any unsound parts. Ensure the wall is perfectly dry & apply a hand of ISOREST 0.076 thinned from 100% to 200% according to the substrate.
Allow 24 hrs, level any major imperfections (holes & cracks) with ARDPLAN AS or ARDPLAN BS & apply SILREST INTERMEDIO. If the surface is sound, SILREST INTERMEDIO (thinned correctly) can be applied directly.
Unsound paintwork: remove any unsound paintwork & efflorescence. Clean thoroughly, ensure the wall is perfectly dry & apply SILREST INTERMEDIO

Application:

- SILREST INTERMEDIO must be thinned with the silicate sealer ISOREST at 10-15% in volume according to the absorption of the substrate. Stir well and apply uniformly using a brush. Allow 24 hrs before applying the finishing products.
- Do not apply under direct sunlight or at ambient temperature below + 5°C. or above + 35°C. External surfaces must be protected against driving rain until perfectly dry (usually after 48 hours at 20°C).
- Wash equipment immediately after use with water.

- Mask any parts (windows, ceramic pavements, casings etc.) which are not to be treated.
- Use protective eye wear during application. Use products in compliance with current Hygiene & Safety Regulations. Dispose of spent material/containers according to the same
The product has a 2 year stability if stored in the original packaging at a temperature between + 8°C - + 30°C.
- Refer to the PSDS for further details.

TECHNICAL DATA

BINDER	Potassium silicate & organic polymers
SPECIFIC WEIGHT	1580 ± 50 g/l
DRYING	24 hrs
VISCOSITY AT 20°C	16.000 ± 2000 cP

YIELD

A coat of SILREST INTERMEDIO implies a yield of 2,6 -3,9 m²/l. Said yield varies according to the condition of the substrate.

SPECIFICATIONS

INTERMEDIATE SILICATE LAYER

Brush application on pretreated surfaces, of a layer of paint SILREST INTERMEDIO based on potassium silicate, light fast outdoor resistant pigments & selected mineral fillers with a min consumption of 0,3 l/m².

€/m².

This data herein were correct at the time of Quality Control & refer to standardized environmental conditions. The same are to be considered as a guide.

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