



Systems for
Waterproofing ,
dehumidification ,
hydrophobation.



Certified Quality System since **FEBRUARY 1993**

From Project to Jobsite

SILPAINT BIO/PLUS ECO

ECOLOGIC MINERAL COATING FOR INSIDE

Description One-component matt paint, based on very pure silicates and inorganic mineral pigments.

Fields of application For interior applications on all mineral surfaces (plaster, concrete, etc.) which are solid and dry. Surfaces with salt efflorescence and paints are not suitable. Flaking or highly absorbent surfaces should be pre-treated with PRIMER TECNOSYLKE. Drywall or plastered surfaces shall be pre-treated with PRIMER TX to uniform absorption (only for the colour product).

Characteristics

- Optimal application and coverage
- Free of solvents and plasticizers
- Environmentally friendly, low environmental impact, breathable
- Resistant to wet abrasion (EN ISO 119988 Class 2)
- Non-flammable (Class 2 DIN 4102)
- Harmless, anti-allergic
- Mildew resistant
- Thermal expansion: following support
- Specific weight: 1,45 Kg/litre
- Resistance to vapour diffusion: $S_d < 0,01 \text{ m}$
- Breathability: quantity vapour $> 2.000 \text{ g/m}^2/\text{day}$

Ecological effects Inorganic product, no negative effect on environment:

C.O.V. Componenti Organici Volatili
V.O.C. Volatile Organic Compounds

Found value SILPAINT BIO PLUS/ECO	Limit value EU	Limit value ASTM D6886-03
0±1 g/litre	75 gr/litre	50±150 g/litre

Safety for transport No safety issue.

Method of use and consumption On new renders or in good condition, smooth and with normal absorption two coats of the coating are mostly sufficient. Two layers even for concrete surfaces.
The first coat must be diluted with water in the ratio of 10%.
The second coat must be pure.
Consumption approx. 0,150 l/m²/layer.
Brush, roller, spray, airless spray (0,66 to 0,79 mm).

Remark Protect your eyes from splashes of paint and cover the surfaces which are not painted.
Protect glass surfaces: in case of contact, wash immediately with water.

Packaging Pails of 5 and of 15 litres – IBC of 800 litres.

Storage Can be kept 12 months in area protected from frost.

Colours White and natural tone colours.

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SILPAINT is an environmentally friendly product with high LEED® credit, given almost no emission of volatile organic compounds in the atmosphere.



Tecnologie e prodotti Tecnochem:



Very High Durability Reinforced Concretes



Very High Durability Repair & Prevention Systems



Advanced Pavement Systems



Waterproofing Dehumidification Thermo Acoustical Systems

I BENEFICI DEL GREEN BUILDING

BENEFICI AMBIENTALI

- Implementa e protegge gli ecosistemi e la biodiversità
- Migliora la qualità dell'aria e dell'acqua
- Riduce i rifiuti solidi
- Conserva le risorse naturali

BENEFICI ECONOMICI

- Riduce i costi operativi
- Implementa la redditività ed i profitti
- Migliora la produttività e la soddisfazione dei dipendenti
- Ottimizza la prestazione economica

BENEFICI SULLA SALUTE E SULLA QUALITÀ DI VITA

- Migliora l'ambiente nell'aria, riduce gli stress termici ed acustici
- Accresce il confort e la salute degli abitanti
- Minimizza il logorio delle infrastrutture
- Contribuisce al miglioramento della qualità globale di vita

TECNOLOGIA - INNOVAZIONE - ECOLOGIA - DURABILITÀ - SOSTENIBILITÀ - ECONOMIA

The above information is based on our best experiences and lab results and on results of the application of the product in various fields. Tecnochem Italiana is not responsible for negative performances due to not proper use of the product or for defects due to elements not connected with the quality of the product included wrong storage.

Technical characteristic in this technical data sheet are up-to-dated periodically .Revision date of this technical data sheet is indicated below. Changes of this data sheet can be found in our web-site www.tecnochem.it where you can find the same technical data sheet updated in real time.

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