

Technical qualities

DECORSIL PRIMER by OIKOS is a special salt blocking primer produced with siloxanic resins. It is highly pervasive, strengthens the wall and blocks the salt deriving from inside humidity. It's use is essential in application cycles using highly vapour permeable, siloxanic coatings on wall surfaces and especially on high diffusion and dehumidifying plasters. The product has a low odour level, is non inflammable and is friendly to both humans and the environment.

Ideal use

Interior and exterior walls of prestigious buildings, recommended for on high diffusion and dehumidifying plasters.

Surface preparation

The surfaces must be completely dry and mature, new plaster must mature at least 30 days to allow complete carbonation of the surface. Clean the surfaces to be decorated and remove loose or flaking materials. In case of new plasters, make sure the substrate is thoroughly dry. In case of restoration works, rectify water infiltration or leaks.

Application method

Allow the wall to dry before proceeding to apply DECORSIL PRIMER by OIKOS, ready to use, by brush or roller. Repeat the procedure in case of strong presence of salts. Allow 12 hours to dry before coating with decorative finishes.

Finish

Finish products from the Façade Division.

Safety information

The product is free of heavy metals such as lead or chrome. It does not contain toxic solvents, aromatics or chlorides. There is no risk of any dangerous polymerisation. The product is considered to be a non dangerous substance if used in the technically correct manner. Normal cautionary measures for the handling of water based paints are advised. No special arrangements are required for the storage, movement and transportation of the product; the containers, residue, eventual spilt material should be cleaned up using absorbent inert material such as sand, soil etc. etc. and then disposed of in accordance with the regional and national regulations in force at that time. Transportation must be carried out in accordance with international agreements

The product

Composition	Siloxanic resins in water dispersion, preservatives and additives aimed at helping application and film formation
Specific weight	1 kg/l \pm 3% "
pH	7 \div 8
Viscosity	50 \pm 5% CPS Brookfield (RVT 20 r.p.m. a 25°C)
Storage temperature	+2°C \div +36°C. Keep from freezing
Fire reaction	Negative when applied on to a non-inflammable surface: water based product with dry thickness of less than 0,600mm
Water absorption W_{24}	0.01 kg/m ² .h0.5 DIN 52 617 (max. allowed limit 0.5 kg/m ² .h0.5 DIN 52 617)
Vapour permeability Sd	0.05 m (max. allowed limit 2 m DIN 52 615)
Emission limits of Volatile Organic Compounds (VOC) according to directive 2004/42 CE	<ul style="list-style-type: none"> • Classification: A/c • VOC: 10g/l (max) • Limit Phase I (from 01/01/2007): 50g/lt • Limit Phase II (from 01/01/ 2010): 30g/lt
Colour	Transparent colourless
Packaging	Liters 1 - 4 - 10

The application

Dilution	Ready to use, max 10%
Yield	6 \div 8m ² /l depending on substrate absorption
Application tools	Brush, roller
Application temperature	+5°C \div +36°C (relative humidity not higher than 80%)
Drying time: tack free	1 hour (temperature = +20°C with relative humidity not exceeding 75%)"
Drying time: fully cured	12 hours (temperature = +20°C with relative humidity not exceeding 75%)"
Tools cleaning	water

Specifications

Clean the surfaces to be decorated and remove loose or flaking materials.

In case of new plasters, make sure the substrate is thoroughly dry and mature. In case of restoration works, repair water infiltrations or leakages.

Allow the wall to dry, then apply a special salt

blocking primer such as DECORSIL PRIMER by OIKOS.Repeat the application in case of high presence of salt. All must be carried out in accordance with the norms of application, at a cost of m². inclusive of materials and labour, except scaffolding.