

Technical Qualities

STERYLPAIN is a special, vapour permeable, anti-mould, washable paint that is particularly effective in the prevention of the development of mould and algae, especially in environments where there is a high level of humidity (kitchens, bathrooms, swimming pools etc.). The special bactericides and fungicides used in its formulation act on a wide range of micro-organisms and protect the wall for a long time. It has a low level of odour, is non-flammable and is friendly to both humans and the environment.

Ideal Use

Interior walls with problems of mould and algae.

Surface Preparation

Prepare the affected surface by removing moulds/algae by using Sterylfix by OIKOS and the sanitising Sterylsan by OIKOS.

Application Method

Using a roller or brush, apply a first coat of STERYLPAIN diluted 30÷40% with drinkable water. After approximately 6÷8 hours proceed with the application of a second coat of the product diluted 25÷30% with drinkable water. STERYLPAIN can be applied as a preventive measure also on healthy walls, in which case the application of preparatory products is not necessary.

The product

Composition	Acrylic resins in water dispersion, organic and inorganic pigments, additives aimed at helping application and film formation, anti-mould and anti-algae additives
Specific weight	1.55 Kg/l ±3% (white)
Ph	8-9.5
Viscosity	21,000 ± 5% CPS Brookfield (RVT 20 revs/min. a 25°C)
Storage temperature	+2°C ÷ +36°C. Keep from freezing
Reaction to fire	Negative when the product is applied onto a non inflammable surface: water based material with dry thickness of less than 0,600mm
Water vapour permeability (Sd)	0.37 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/a • VOC: 7g/l (max) • Limit Phase I (from 01/01/2007); 75g/l • Limit Phase II (from 01/01/2010); 30g/l
Colours	White + pastel colours from the Interior colour chart on the DCS Decor Color System by OIKOS
Packaging	Liters 1 - 4 - 10

The application

Dilution	<ul style="list-style-type: none"> • First coat: 30 ÷40% with drinkable water • Second coat: 25-30% with drinkable water
Yield	<ul style="list-style-type: none"> • New wall, civil plaster: 7-8 m²/l in two coats • New wall, gypsum plaster: 9-11 m²/l in two coats
Application tools	Brush, roller
Primers	STERYLSAN by OIKOS
Application temperature	+5°C ÷ +36°C (relative humidity not higher than 80%)
Drying time tack free	1 ÷ 1.3 hours (temperature =20°C with relative humidity less than 75%)
Drying time fully cured	4 days (temperature = 20°C with relative humidity less than 75%)
Tools cleaning	Water

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.

Specifications

Clean the surface to be treated and remove loose or flaking materials. Remove moulds/algae by using a detergent such as Sterylfix by OIKOS and a sanitising product such as Sterylsan by OIKOS. Apply two coats of a sterilizing, vapour permeable paint against moulds and algae like STERYLPAIN by OIKOS. All must be carried out in accordance with the norms of application, at a cost of m². inclusive of materials and labour.