

**SCHEDA
TECNICA**

Sensations

sikkens

UN MARCHIO DI
AkzoNobel



ALPHA TEX SCHIMMELWEREND SF

Breathable water-based paint for internal walls, resistant to the aggression of molds, solvent-free

Product features

Composition:

Based on copolymers in aqueous dispersion, selected fillers and specific additives to prevent the development of mold

Main properties:

- Opaque in appearance
- Not film-forming
- Good coverage and whiteness
- High breathability
- Product suitable for application in environments with the presence of food (UNI 11021)
- Unsaponifiable

Physical characteristics

Viscosity:

Brookfield 5000 - 7000 cps at 23 ° C

Density (density): pH:

1.55 ± 0.05 kg / dm³

7 - 9

Solid content:

42 ± 2% by volume; 63 ± 2% by touch

Drying at 23 ° C / 65% RH:

dry weight: 1 - 2 hours

Overcoating:

After 3 - 4 hours

Coloring:

Only with Akzo Nobel's Acomix tinting system using the W05 base

Packaging:

2.5 and 10 l

EU limit value for VOC content: Cat. A / a: 30 g / l (2010). This product contains a maximum of 1 g / l of VOC

Physical values according to EN

13300 Brilliance:

G.3 Opaque

≤ 10 GU at 85 °

Dry film thickness:

AND₂

> 50 µm ≤ 100

Particle size:

S.1 end

< 100 µm

Vapor permeability (ISO 7783-2):

V.1 High

Sd < 0.14 m V > 150 g / (m² * d)

Hiding power:

Class 1

≥ 99.5% with a yield of 6 m² / l

Wet abrasion:

Class 3

≥ 20 µm < 70 µm after 200 cycles

Method of use



Methods of application:

By roller, brush, spray (airless).

Airless application: nozzle 0.38 - 0.53 mm (0.015 - 0.021 inch)

Pressure: 160 - 180 bar.

Dilution:

30% by volume with water for roller application and airless spray;

50% by volume with water for brush application. 12 -

Surrender:

14 m²/l per hand.

The yield may vary according to the roughness, porosity and absorption characteristics of the substrates and the application system adopted.

Environmental conditions for application:

Temperature: 5 - 30 ° C; Relative humidity: max 85% The application of the product carried out in unsuitable environmental conditions negatively affects the drying times, compromising the optimal achievement of the aesthetic and performance characteristics.

Cleaning of tools

Storage:

With water immediately after use.

In tightly closed packs, in a cool and dry place, away from frost and heat sources.

Compatibility:

With no other product.

Any mixing will alter the technical characteristics and quality of the product.

Warnings:

ALPHA TEX SCHIMMELWEREND SF must be applied on perfectly dry and cured substrates and does not require the application of any primer.

Operations such as sanding, sandblasting, flame removal, etc., of old paint layers, can generate dangerous dust and / or fumes. Work in well-ventilated areas and necessarily wear suitable personal protective equipment. For more information on the correct disposal, storage and handling of the product, please consult the relevant Safety Data Sheet.

Application systems

New plasters with civil finish and compact gypsum

- Wait for the total seasoning; thorough brushing to remove inconsistencies New

plasters with a civil finish and compact but absorbent gypsum

- Wait for the total seasoning; thorough brushing to remove inconsistencies; apply as a base coat of ALPHA TEX SCHIMMELWEREND SF diluted 80% by volume with water

Plaster and gypsum smoothing never painted with the presence of mold

- Apply a coat of ALPHA DESINFECTOR; wait for drying, then brush to eliminate the mold present; apply a further coat of ALPHA DESINFECTOR; wait at least 6 hours

Never painted plasterboard with the presence of mold

- Apply a coat of ALPHA DESINFECTOR; wait for drying, then brush to eliminate the mold present; apply a further coat of ALPHA DESINFECTOR; wait at least 6 hours

Old well-anchored transpiring paints with the presence of mold



- Apply a coat of ALPHA DESINFECTOR; wait for drying, then brush to eliminate the mold present; apply a further coat of ALPHA DESINFECTOR; wait at least 6 hours

Old tempera paints with the presence of mold

- Removal of tempera paints by scraping and after having previously moistened them; fill any holes and irregularities with POLYFILLA PRO F120 or F200 or F210; apply a coat of ALPHA DESINFECTOR; wait for drying, then brush to eliminate the mold present; apply a further coat of ALPHA DESINFECTOR; wait at least 6 hours; isolate the grouting with ALPHA TEX SCHIMMELWEREND SF diluted 80% by volume with water

Finish:

- Apply two coats of ALPHA TEX SCHIMMELWEREND SF with an interval of at least 3 - 4 hours between one coat and the other

Please Note

All the information contained in this document is purely indicative and contains only some examples of support that do not represent the totality of the situations that in practice could be affected, therefore if it is necessary to intervene on supports not indicated or if further clarifications are necessary, we invite you to contact our Technical Assistance Service. Furthermore, for the correct preparation of the substrates and the application of the products, the rules for state-of-the-art installation apply, as reported in the Sikkens notebook "Preparation of masonry substrates", which we invite you to consult.

Wording to be included in the tender specifications and estimates

Breathable water-based paint for internal walls, based on copolymers in aqueous dispersion, selected fillers and specific additives to prevent the development of mold, also suitable for application in environments with the presence of food (UNI 11021) (Type ALPHA TEX SCHIMMELWEREND)

Physical characteristics

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Overcoating:	After 3 - 4 hours
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Vapor permeability (ISO 7783-2):
Hiding power:
Wet abrasion:

V.i High
Class 1
Class 3

Sd <0.14 m V> 150 g / (m² * d)
≥ 99.5% with a yield of 6 m² / l
≥ 20 µm <70 µm after 200 cycles

The effectiveness of our products and systems is based on years of practical experience and research conducted in our laboratories. We guarantee that the quality of the work carried out with our products meets the eligibility requirements set by Akzo Nobel Coatings SpA, provided that all the instructions given by us are correctly followed and the work has been carried out according to skill and professionalism. In the event that the final result has been negatively influenced by circumstances beyond our control, any and all liability is expressly excluded and declined. The buyer is obliged to check whether the delivered products are suitable for the intended use.

We reserve the right to modify the content of this document without prior notice. As soon as a new version of this datasheet is available, it will no longer be valid.

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