sikkens

AkzoNobel

ALPHALOXAN FARBE

Matt siloxane water-based paint for applications on walls

High quality opaque siloxane water-based paint based on quartz flour for applications on walls

ENCAPSULATED BIOCIDE TECHNOLOGY

EBT technology (Encapsulated Biocide Technology): constant and effective protection of the film increases the resistence guarantees when washed away, it allows the surfaces of the external facades to resist algae, mold and fungi for a longer time.

By applying Alphaloxan Farbe in a workmanlike manner, following the instructions given on this technical data sheet, it is possible to obtain the EBT guarantee, with which resistance to mold, fungi and algae formation is ensured. This guarantee has a duration of 4 years and must be requested from the technical or commercial representatives.

Product features

Composition:

Based on acrylic and siloxane resins in aqueous dispersion, quartz flour and solid pigments to light and alkali

Main properties:

- EBT technology (Encapsulated Biocide Technology) Long-lasting protection against the growth of fungi and algae
- High vapor permeability
- Impervious to water
- Opaque in appearance
- Good durability over time
- Non-film-forming nature

Physical characteristics

Viscosity:	Brookfield 9000 - 11000 cps at 23 ° C
Density (density): pH:	1.54 ± 0.05 kg / dm_3 8 - 10
Solid content:	68 ± 2% by volume; 49 ± 2% by weight
Drying at 23 ° C / 65% RH:	Touch dry: 2 - 3 hours
Overcoatable:	After 3 - 4 hours
Coloring:	Only with Akzo Nobel's Acomix tinting system using the bases W05, M15 and N00
Packaging:	White: 5 and 15 l; Bases: 1; 5 and 15 l

EU limit value for VOC content: Cat. A / c: 40 g / l (2010). This product contains a maximum of 38 g / l of VOC

Physical values according to EN 1062

Appearance of the film:	G.3Opaque	≤ 10 GU 85 °; ca. 3 GU 85 °
Dry film thickness:	AND3	120 µm
Particle size:	S.2Average	<300 µm
Vapor permeability (ISO 7783-2):	V.1High	Sd = 0.10 m V = 200 g / (m_2* d)
Water permeability:	W2Average	W = 0.25 kg / (m_2* $h_{0.5}$)

Method of use

Methods of application:
By roller or brush.
The first coat preferably with a brush and the second with a roller.
In order to obtain more uniform finishes, especially when applying intense and / or bright colors, after having distributed the paint evenly, orient the rolls by blending upwards.

Dilution:
Max. 30% by volume with water for the first coat; 20% by volume with water for the second.

Surrender:
9 - 11 m_2/ 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 atmospheric conditions negatively affects the drying times, compromising the optimal achievement of the aesthetic and performance characteristics. In such cases, wait at least 48 hours between one coat and the next.

Rainwater Resistance:
The product completes the drying and polymerization processes within 10 - 15 days in optimal environmental conditions (23 ° C; RH max. 85%).
Should the product, in this period of time, be washed away by rainwater, unsightly drippings with a translucent and sticky appearance could be highlighted.

This phenomenon, of a temporary nature, does not affect the qualitative characteristics of the product and can be easily eliminated by hydro-washing or by waiting for subsequent rainy events.

Cleaning of tools:
With water immediately after use.

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

Warnings:
Systems that use ALPHALOXAN FARBE as a finish must be applied to perfectly dry and cured substrates.

The intense and bright colors are sensitive highlighting whitening if subjected to surface stresses such as rubbing.

We recommend the use of shading sheets to be used on the scaffolding, to protect from the sun's rays and any rains. Operations such as sanding, sandblasting or 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

Preparation:

New plasters with civil finish

- Wait for the total seasoning; careful brushing; apply as a base coat of ALPHALOXAN PRIMER diluted 50% by volume with water

Irregular plasters never painted

- Thorough brushing; level the surfaces, after having previously moistened them, using one of the smoothing compounds from the premixed line for professional construction, wait at least 10 days to favor total curing, apply a coat of ALPHALOXAN PRIMER diluted 50% by volume with water as a base

Deteriorated, chalking plasters

- Remove and restore damaged parts using mortars and smoothing compounds from the premixed range for professional construction; wait for complete seasoning; remove inconsistencies by brushing or hydro-cleaning; wait for drying; apply a coat of ALPHALOXAN PRIMER diluted 50% by volume with water

Well anchored old crumbling organic paints

- Remove inconsistencies by brushing or hydro-cleaning; wait for drying; apply a coat of ALPHA GROND in the color corresponding to the finish, diluted 30% by volume with DILUENTE PER ALPHA GROND

Old non-adherent organic paints

- Total removal of existing paint with POLYFILLA PRO S100 paint stripper and subsequent water cleaning; wait for drying; apply a coat of ALPHALOXAN PRIMER diluted 50% by volume with water
- If there are residues of old paint, apply, as an alternative, a coat of ALPHA GROND in the color corresponding to the finish, diluted 30% by volume with DILUENTE PER ALPHA GROND

Old non-adherent organic coatings

- Total removal of existing coatings with systems deemed most suitable and subsequent hydro-cleaning; wait for drying; apply a coat of ALPHALOXAN PRIMER diluted 50% by volume with water
- If there are residues of the old coating, apply, as an alternative, a coat of ALPHA GROND in the color corresponding to the finish, diluted 30% by volume with DILUENTE PER ALPHA GROND

Old organic coatings well adherent but chalking on the surface

- Remove inconsistencies by brushing or hydro-cleaning; wait for drying; apply a coat of ALPHA GROND in the color corresponding to the finish, diluted 30% by volume with DILUENTE PER ALPHA GROND

Well anchored old organic ceramic coatings

- Remove inconsistencies by brushing or hydro-cleaning; wait for drying; apply by brush a coat of ALPHALOXAN PRIMER EXTRA diluted to 30% by volume with a mixture of ALPHATEX SF IMPREGNANT and water (obtained with 1 part of ALPHATEX SF IMPREGNANT and 2 parts of water)

Old, well-adhering but crumbling mineral coatings

- Remove inconsistencies by brushing or hydro-cleaning; wait for drying; apply a coat of ALPHALOXAN PRIMER diluted 50% by volume with water

Surfaces affected by the presence of mosses, molds and lichens

- Removal of microorganisms present with water cleaning; wait for drying; apply an undiluted coat of ALPHA DESINFECTOR and wait at least 6 hours before applying the most suitable base coat based on the nature and conservation of the surfaces concerned

SYSTEM FOR BRILLIANT COLORS

For particularly bright colors, to avoid problems of uneven coverage, it is recommended to use the following application cycle.

New mineral surfaces

- Apply a 3: 1: 1 mixture by brush (3 parts of ALPHALOXAN FARBE: 1 part ALPHALOXAN PRIMER: 1 part of water. It is recommended to prepare and use the mixture within a few hours)

Old or already painted mineral surfaces

- Remove inconsistencies by brushing or hydro-cleaning; wait for drying; apply a coat of ALPHA GROND in the color corresponding to the finish, diluted 30% by volume with DILUENTE PER ALPHA GROND

Finish:

- Apply a first brush coat of ALPHALOXAN FARBE diluted to a maximum of 30% by volume with water
- Wait at least 3 - 4 hours
- Apply a second coat of ALPHALOXAN FARBE with a roller diluted to a maximum of 20% by volume with water

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 Assovernici Technical Manual "Preserve, Protect, Decorate with paints on the outside" and in the Sikkens notebook. "Preparation of masonry supports", which we invite you to consult.

Wording to be included in the tender specifications and estimates

High quality opaque siloxane water-based paint based on quartz flour for applications on external walls (ALPHALOXAN FARBE type)

Physical characteristics

Viscosity:	Brookfield 9000 - 11000 cps at 23 ° C
Density (density): pH:	1.54 ± 0.05 kg / dm_3 8 - 10
Solid content:	68 ± 2% by volume; 49 ± 2% by weight
Drying at 23 ° C / 65% RH:	Touch dry: 2 - 3 hours
Overcoatable:	After 3 - 4 hours
Coloring:	Only with Akzo Nobel's Acomix tinting system using the bases W05, M15 and N00
Packaging:	White: 5 and 15 l; Bases: 1; 5 and 15 l

EU limit value for VOC content: Cat. A / c: 40 g / l (2010). This product contains a maximum of 38 g / l of VOC

Physical values according to EN 1062

Appearance of the film:	G_3Opaque	≤ 10 GU 85 °; ca. 3 GU 85 °
Dry film thickness:	AND_3	120 µm
Particle size:	S_2Average	<300 µm
Vapor permeability (ISO 7783-2):	V_1High	Sd = 0.10 m V = 200 g / (m_2* d)
Water permeability:	W_2Average	W = 0.25 kg / (m_2* $h_{0.5}$)

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 affected

from 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.

Akzo Nobel Coatings SpA
Decorative Paints

Via G. Pascoli, 11 28040
Dormelletto (NO)

T +39 0322 401611
F +39 0322 401607

Numero Verde
800 826 169

www.sikkens.it
www.sikkensdecor.it

service.clienti@akzonobel.com