

# ALPHA SYLFARBE

Acrylic-siloxane water-based paint for outdoor wall surfaces with good filling power



Wall acrylic-siloxane water-based paint for exteriors with siliceous aggregates and high water repellency



Contains EBT, Encapsulated Biocide Technology

## PRODUCT FEATURES

### Composition:

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

### Main properties:

- Good vapor permeability
- Good water repellency
- Opaque in appearance
- Good protection against the growth of fungi and algae
- Good durability over time

## TECHNICAL FEATURES

### Viscosity:

Brookfield 9000 - 11000 cps at 23 ° C

### Density (density): pH:

1.61 ± 0.05 kg / dm<sup>3</sup>

9 - 10

### Solid content:

65 ± 2% by volume; 45 ± 2% by weight

### Drying at 23 ° C / 65% RH:

Touch dry: 2 - 3 hours

### Overcoating:

After 3 - 4 hours

### Coloring:

Only with Akzo Nobel's Acomix tinting system using the White = W05, M15 and N00 bases

### Packaging:

5 and 14 l

## EU limit value for VOC content

Cat. A / c: 40 g / l (2010). This product contains a maximum of 30 g / l of VOC

Physical values according to EN 13300

Appearance of the film:

**Dry film thickness:**

**Particle size:**

**Vapor permeability (ISO 7783-2):**

**Water permeability:**

G <sub>3</sub> Opaque	≤ 10 GU 85 °; ca 3 GU 85 ° 110
AND <sub>3</sub>	μm approx
S <sub>2</sub> Average	<300 μm
V <sub>2</sub> Average	Sd = 0.20 m V = 130 g / (m <sup>2</sup> * d)
W <sub>2</sub> Average	W = 0.22 kg / (m <sup>2</sup> * h <sub>0.5</sub> )

## METHOD OF USE

Environmental conditions  
for the 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.

Methods and tools

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. 15% by volume with water.

Blending

With no other product.  
Any mixing will alter the characteristics and qualities of the product.

Surrender

9 - 11 m<sup>2</sup> / l per coat.  
The yield may vary according to the roughness, porosity and absorption characteristics of the substrates and the application system adopted.

Rainwater resistance

The product completes the drying and polymerization processes within 10-15 days in optimal environmental conditions (23 ° C; max RH 85%).  
If the product, in this period of time, were to 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 tools

With water immediately after use.

storage

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

Warnings

The product is not suitable for applications on dehumidifying plasters.

Systems that use ALPHA SYLFARBE 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 operations such as sanding, sandblasting, flame removal, etc. old layers of paint can generate dust and / or fumes

dangerous. 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

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### 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

#### Old organic, crumbling paints well anchored

- 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 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 ALPHA BL UNIPRIMER 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
- In case of heavy chalking, apply a coat of ALPHA GROND in the color corresponding to the finish, diluted to 30% by volume with DILUENTE PER ALPHA GROND

#### 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 or 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 coat of ALPHA SYLFARBE diluted to a maximum of 15% by volume with water
- Wait at least 3 - 4 hours
- Apply a second coat of ALPHA SYLFARBE with a roller diluted to a maximum of 10% by volume with water

## 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.

## TENDER SPECIFICATIONS

### Wording to be included in the tender specifications and estimates

High quality matt acrylic-siloxane water-based paint containing fine silica aggregates for applications on external walls (such as ALPHA SYLFARBE)

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## Particle size:

S.2Average <300 μm

## Vapor permeability (ISO 7783-2):

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## Water permeability:

W.2Average W = 0.22 kg / (m<sup>2</sup>\* h<sub>0.5</sub>)

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**rative Paints**

**NO)**



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