

# ALPHA BL TOP FARBE

Matt water-based paint,  
for outdoors.



High quality opaque water-based paint for use on outdoor wall surfaces



Technology **EBT** (Encapsulated Biocide Technology): guarantees constant and effective protection of the film, increases resistance to washout, allows the surfaces of external facades to resist algae, mold and fungi for longer.

By applying Alpha Bl Top 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 the formation of mold, fungi and algae 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 resin in aqueous dispersion, fine siliceous aggregates and solid pigments to light and alkalis

### Main properties

- High quality water-based wall paint for exteriors
- Particularly suitable for the creation of dark, bright, saturated colors
- Excellent resistance to atmospheric agents
- Applicable on plastered facades and both on cast-on-site reinforced concrete
- Unsaponifiable
- Good filling power
- Good resistance to surface stress
- Opaque in appearance
- Good protection against the growth of fungi and algae
- Excellent resistance to CO2 diffusion

## TECHNICAL FEATURES

<b>Viscosity:</b>	Brookfield 12000 - 15000 cps at 23 ° C
<b>Density (density): pH:</b>	1.46 ± 0.05 kg / dm <sup>3</sup> 8 - 9
<b>Solid content:</b>	53% ± 2% by volume; 68% ± 2% by weight
<b>Drying at 23 ° C / 65% RH:</b>	Touch dry: 1 hour
<b>Overcoating:</b>	After 3 - 4 hours
<b>Coloring:</b>	Only with Akzo Nobel's Acomix tinting system using the bases W05, M15 and N00
<b>Packaging:</b>	5 and 10 l
<b>EU limit value for VOC content</b>	Cat. A / c: 40 g / l (2010). This product contains a maximum of 34 g / l of VOC

### Physical values according to EN

<b>13300 Brilliance:</b>	G.3 Opaque	≤ 10 GU 85 °; <2 OJ 85 °
<b>Dry film thickness:</b>	And <sub>3</sub>	> 100 ≤ 200 μm
<b>Granulometry:</b>	S.1 end	<100 μm
<b>Vapor permeability (ISO 7783-2):</b>	V3 Low	Sd = ≥ 0.14 m V = ≤ 15 g / (m <sup>2</sup> * d)
<b>Water permeability:</b>	W3 Low	W = ≤ 0.1 kg / (m <sup>2</sup> * h0.5)

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.

Methods and tools

By roller or brush (for profiling). 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. 10 - 15% by volume with water.

Blending

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

Surrender

10 - 12 m<sup>2</sup>/ l per hand.  
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 drying processes polymerization within 10 - 15 days in optimal environmental conditions (23 ° C; RH max. 85%). If the product, in this period of time, were to be washed away by rainwater, unsightly dripping 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

Systems that use ALPHA BL TOP 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 to avoid which, we recommend the application of the transparent matt finish ALPHA CLEARCOAT MAT. Considering the high resin content of the product, to favor optimal coverage, we recommend applying a base coat in the same color as the finish.

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 wear

necessarily suitable means of individual protection. 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; brushing; apply a 3: 1: 1 mixture by volume brush as a primer (3 parts of ALPHA BL TOP FARBE: 1 part of ALPHATEX SF IMPREGNANT: 1 part of water. It is advisable to prepare and use the mixture within a few hours)

### Irregular plasters never painted:

Thorough brushing; even out 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 3: 1: 1 mixture (3 parts of ALPHA BL TOP FARBE: 1 part of ALPHATEX SF IMPREGNANT: 1 part of water. It is recommended to prepare and use the mixture within a few hours)

### 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; apply a coat of ALPHA GROND color corresponding to the finish, diluted 30% by volume with DILUENTE PER ALPHA GROND, or ALPHA GROND added with INERTE PER ALPHA GROND, in the color corresponding to the

finish, diluted to 25% by volume with DILUENTE PER ALPHA GROND

Well anchored old organic, crumbling 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 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 ALPHA GROND in the color corresponding to the finish, diluted 30% by volume with DILUENTE PER ALPHA GROND

Old well-adhering organic reversts but crumbling 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 a 3: 1: 1 mixture by brush as a primer (3 parts of ALPHA BL TOP FARBE: 1 part of ALPHATEX SF IMPREGNANT: 1 part of water. It is advisable to prepare and use the mixture within a few hours)

Old, well-adhering but crumbling mineral coatings

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

Surfaces affected by the presence of mosses, molds and lichens  
Removal of microorganisms present with hydro-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 BRIGHT 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 ALPHA

BL TOP FARBE: 1 part of ALPHATEX SF

IMPREGNANT: 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 ALPHA BL TOP FARBE diluted to a maximum of 15% by volume with water
- Wait at least 4 hours
- Apply a second coat with a roller of ALPHA BL TOP FARBE 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 technical manual of Assovernici "Preserving, protecting, decorating with paints on the outside" and in the notebook from Sikkens "There preparation of the supports in we masonry", that invite you to consult.

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## **TENDER SPECIFICATIONS**

Wording to be included in the tender specifications and estimates

High quality opaque water-based paint for use on outdoor wall surfaces (Type ALPHA BL TOP FARBE)

### **TECHNICAL FEATURES Viscosity:**

Brookfield 12000 - 15000 cps at 23 ° C

### **Density (density): pH:**

1.46 ± 0.05 kg / dm<sup>3</sup>

8 - 9

### **Solid content:**

53% ± 2% by volume; 68% ± 2% by weight

### **Drying at 23 ° C / 65% RH:**

Touch dry: 1 hour

### **Overcoating:**

After 3 - 4 hours

**Coloring:**

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

**Packaging:**

5 and 10 l

**EU limit value for VOC content**

Cat. A / c: 40 g / l (2010). This product contains a maximum of 34 g / l of VOC

**Physical values according to EN 1062**

Appearance of the film:

G.3 Opaque  $\leq 10 \text{ GU } 85^\circ$ ;  $< 2 \text{ OJ } 85^\circ$

**Dry film thickness:**

And3  $> 100 \leq 200 \text{ } \mu\text{m}$

**Granulometry:**

S1 End  $< 100 \text{ } \mu\text{m}$

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

V.2 Average  $\text{Sd} = \geq 0.14 \text{ m V} = \leq 15 \text{ g} / (\text{m}^2 * \text{d}) \text{ W}$

**Water permeability:**

W3 Low  $= \leq 0.1 \text{ kg} / (\text{m}^2 * \text{h} 0.5)$

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 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.

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