

**SCHEDA  
TECNICA**

*Sensations*

**sikkens**

UN MARCHIO DI  
**AkzoNobel**



## ALPHA UNIDECOR BL MAT

Matt water-based acrylic enamel for use on interior walls

### General features

**Composition:** Based on acrylic binder in aqueous dispersion and very fine pigments

**Main properties:**

- Smooth and matte appearance
- Excellent washability
- Suitable for painting hospital rooms, it resists common non-alcoholic sanitizers
- Good resistance to surface stress
- Odorless
- Not yellowing
- Unsaponifiable

### Physical characteristics

<b>Viscosity:</b>	Brookfield 2800 ÷ 4000 cps
<b>Density (density): pH:</b>	1.33 ± 0.05 kg / dm <sup>3</sup> 7 - 9
<b>Solid content:</b>	38 ± 2% by volume; 53 ± 2% by weight
<b>Drying at 23 ° C / 65% RH:</b>	Touch dry: 1 - 2 hours
<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>	2.5 and 10 l

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

#### Physical values according to EN

<b>13300 Brilliance:</b>	G.3 Opaque	≤ 10 GU 85 °; 5 GU 85 ° 50
<b>Dry film thickness:</b>	AND <sub>2</sub>	µm
<b>Particle size:</b>	S.1 end	<100 µm
<b>Hiding power:</b>	Class 2	≥ 98 <99.5% with a yield of 8 m <sup>2</sup> / l
<b>Wet abrasion:</b>	Class 1	<5 µm after 200 cycles

### Method of use

**Methods of application:** By short-haired roller, by brush (only for profiling) and by airless spray.



**Dilution:**

Airless application: nozzle 0.38 - 0.53 mm (0.015 - 0.021 inch)  
Pressure: 160 - 180 bar.

Up to max 10 - 15% by volume with water, depending on the system application adopted.

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.

**Surrender:**

13 - 14 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.

**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:**

With water immediately after use.

**Storage:**

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 UNIDECOR BL MAT should be applied on perfectly dry, cured and compact substrates.

If applied in white or light colors, on surfaces of a contrasting color, to obtain total coverage, it is necessary to apply the covering base ALPHA BL GROND in the same color or provide for the application of a third finishing coat.

To clean painted surfaces, we recommend using soft sponges and water mixed with POLYFILLA PRO S600 detergent in the ratio of 5 L of water to 35 ml of detergent. Avoid using abrasive rags or cloths and detergents containing alcohol or solvents of any kind.

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

### Preparation:

#### New plasters with civil finish and compact gypsum

- Wait for the total seasoning; thorough brushing to remove inconsistencies; apply as a base coat of ALPHA BL GROND diluted up to 30% by volume with water, in the color corresponding to the color of the finish

#### Irregular gypsum plasters and skims never painted



- Even out the surfaces by smoothing them with POLYFILLA PRO E200 or ALPHA STUCCO, wait for it to dry completely and sand to eliminate smudges and excess grout; apply as a base coat of ALPHA BL GROND diluted up to 30% by volume with water, in the color corresponding to the color of the finish

#### New plasterboard

- Fill any holes and irregularities with POLYFILLA PRO F120 or F200 or F210; wait for it to dry completely and sand to eliminate smudges and excess grout; apply a coat of ALPHA GROND in the color corresponding to the finish, diluted 30% by volume with DILUENTE PER ALPHA GROND

#### Good quality old breathable or washable paints well anchored

- Fill any holes and irregularities with POLYFILLA PRO E200, F200, F210 or ALPHA STUCCO; wait for it to dry completely and sand to eliminate smudges and excess grout; isolate the grouting with ALPHA BL GROND diluted up to 30% by volume with water
- Apply a coat of ALPHA BL GROND diluted to a maximum of 30% by volume with water over the entire surface, in the color corresponding to the color of the finish.

#### Old tempera paintings

- Removal of tempera paints by scraping them after having previously moistened them; isolate the surface with ALPHATEX SF IMPREGNANT diluted 1: 4 with water; even out the surfaces by smoothing them with POLYFILLA PRO E200 or ALPHA STUCCO
- Apply a coat of ALPHA BL GROND diluted to a maximum of 30% by volume with water over the entire surface, in the color corresponding to the color of the finish.

#### **Finish:**

- Apply two coats of ALPHA UNIDECOR BL MAT 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.

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

Matt water-based acrylic enamel for use on internal walls (Type ALPHA UNIDECOR BL MAT)

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**Wet abrasion:**

Class 1

<5 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.

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