

sikkens

ALPHA UNIDECOR BL MAT

Matt water-based acrylic enamel
for use on interior walls



EPD Certification - Environmental Product Declaration (ISO 14025 and EN 15804)



In line with CAM Edilizia requirements (DM 23 June 2022, n°256)

PRODUCT FEATURES

Composition:

Based on acrylic binder in water dispersion and very fine pigments

Main properties:

- Smooth and matte appearance
- Excellent washability
- Suitable for painting hospital rooms, it is resistant to common non-alcoholic sanitizers
- Good resistance to surface stresses
- Low odor
- Non-yellowing
- Unsaponifiable
- EPD Certification - Environmental Product Declaration (ISO 14025 and EN 15804)
- Complies with the requirements of EC Regulation 852/2004 regarding hygiene and cleaning of environments where food products are handled (HACCP protocol; UNI 11021)
- In line with CAM Edilizia requirements (DM 23 June 2022, n°256)

TECHNICAL FEATURES

Viscosity:	Brookfield 2800 ÷ 4000 cps
Density: pH:	1.33 ± 0.05 kg/dm ³ 7 - 9
Solid content:	38 ± 2% by volume; 53 ± 2% by weight
Drying at 23°C / 65% RH:	Dry to touch: 1 - 2 hours
Overcoating:	After 3 - 4 hours
Coloration:	Only with the Akzo Nobel Acomix colour mixing system using the W05 and N00 bases 1; 2.5; 10 L
Packaging:	
EU limit value for VOC content	Cat. A/a: 30 g/l (2010). This product contains a maximum of 30 g/l of VOCs

Physical values according to EN

13300 Brilliance:	G ₃ Opaque	≤ 10 GU 85°; 5 GU 85° 50
Dry film thickness:	AND ₂	µm
Granulometry:	S ₁ End	<100 µm
Covering power:	Class 2	≥ 98 < 99.5% with yield 8 m ² /l <
Wet abrasion:	Class 1	5 µm after 200 cycles

APPLICATION

Application methods:	With short-haired roller, brush (for profiling only) and airless spray. Airless application: nozzle 0.38 – 0.53 mm (0.015 – 0.021 inches) Pressure: 160 – 180 bar.
Dilution:	Up to max 10 - 15% in volume with water, depending on the application system used. In order to obtain more uniform finishes, especially when applying intense and/or bright colours, after having distributed the paint evenly, direct the roller strokes blending upwards.
Yield:	13 - 14 m ² /l by hand. Yield may vary based on the roughness, porosity and absorption characteristics of the substrates and the application system adopted.
Environmental conditions for the application:	Temperature: 5 – 30 °C; Relative humidity: max 85% The application of the product carried out in unsuitable environmental conditions negatively influences the drying times, compromising the achievement of optimal aesthetic and performance characteristics.
Cleaning the tools:	With water immediately after use.
Conservation:	In well-closed packages, in a cool, dry place, away from frost and heat sources.

Mixing:

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

Warnings:

ALPHA UNIDECOR BL MAT must be applied on perfectly dry, seasoned and compact surfaces. If applied in white or light colours, on surfaces of contrasting colours, to obtain total coverage, it is necessary to apply the covering primer ALPHA BL GROND in the same colour or provide for the application of a third coat of finishing. If ALPHA UNIDECOR BL MAT is used in intense and bright colours (red, blue or green) it is advisable to apply, on the most stressed surfaces such as (handrails, support parts etc..) a coat of transparent colourless finishing ALPHA CLEARCOAT MAT. To clean painted surfaces we recommend the use of soft sponges and water mixed with the detergent POLYFILLA PRO S600 in the ratio 5 L of water 35 ml of detergent. Avoid the use of abrasive rags or cloths and detergents containing alcohol or solvents of any kind.

Operations such as sanding, flame removal, etc., of old paint layers, may generate dust and/or dangerous 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 complete curing; brush carefully to remove any inconsistencies; apply a coat of ALPHA BL GROND diluted up to 30% by volume with water as a base, in the colour corresponding to the colour of the finish; wait at least 12 hours

Uneven plasters and gypsum plasters never painted

Even out the surfaces by smoothing them with POLYFILLA PRO E200 or ALPHA STUCCO, wait until completely dry and sand to eliminate smudges and excess filler and dust; apply as a base a coat of ALPHA BL GROND diluted up to 30% by volume with water, in the colour corresponding to the colour of the finish; wait at least 12 hours.

New plasterboard

Fill any holes and irregularities with POLYFILLA PRO F210, E200 or ALPHA STUCCO; wait until completely dry and sand to eliminate smudges and excess filler and dust; apply a coat of ALPHA GROND in the colour corresponding to the finish, diluted 30% by volume with DILUENTE PER ALPHA GROND; wait 12 hours

Old good quality breathable or washable paints well anchored

Fill any holes and irregularities with POLYFILLA PRO E200, F210 or ALPHA STUCCO; wait until completely dry and sand to eliminate smudges and excess filler and dust; isolate the filler joints with ALPHA BL GROND diluted up to 30% in volume with water. Apply a coat of ALPHA BL GROND diluted up to 30% in volume with water, in the colour corresponding to the colour of the finish, using a brush or roller over the entire surface; wait 12 hours

Old tempera paintings

Removal of tempera paints by scraping after having previously moistened them; isolate the surface with IMPREGNANTE ALPHATEX SF diluted 1:4 with water; even out the surfaces by smoothing them with POLYFILLA PRO E200 or ALPHA STUCCO; wait for complete drying and sand to eliminate smudges and excess filler and dust; Apply a coat of ALPHA BL GROND diluted maximum 30% by volume with water, in the colour corresponding to the colour of the finish, by brush or roller over the entire surface; wait 12 hours

Finish

- Apply two coats of ALPHA UNIDECOR BL MAT with an interval of at least 3 - 4 hours between one coat and the other

SYSTEM FOR BRILLIANT COLORS

- For particularly bright colours, to obtain uniform coverage, it is recommended, where possible, to use a matching primer. In other cases, it may be necessary to apply an additional coat of finishing.

Notes:

All the information contained in this document is purely indicative and only reports some examples of support that do not represent all the situations that could be involved in practice, therefore if it is necessary to intervene on supports not indicated or if further clarifications are needed, we invite you to contact our Technical Assistance Service. Furthermore, for the correct preparation of the supports and the application of the products, the rules of professional installation apply, as reported in the Assovernici Technical Manual "Decorate, Paint, Color with interior paints" and in the Sikkens notebook "Prepare masonry supports", which we invite you to consult.

SPECIFICATION ITEMS

Wording to be included in tender specifications and estimates

Water-based matt acrylic enamel for use on interior walls (Type ALPHA UNIDECOR BL MAT)

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