

ALPHA ACRILMAT

Matt acrylic water-based paint,
for exteriors.



High quality matt acrylic water-based paint for
outdoor wall surfaces

PRODUCT FEATURES

Composition:

Based on acrylic resin in aqueous dispersion and solid pigments to light and alkalis

Main properties

- Water-based wall paint for exteriors
- Good vapor permeability
- Unsaponifiable
- Opaque in appearance
- Good protection against the growth of fungi and algae
- Good durability over time
- Applicable on cementitious plasters, concrete, bricks

TECHNICAL FEATURES

Viscosity:

Brookfield 4000 - 6000 cps at 23 ° C

Volume level (density):

1.49 ± 0.05 kg / dm³

H:

8 - 9

Solid content:

40 ± 2% by volume; 61 ± 2% by weight

Drying at 23 ° C / 65% RH:

Touch dry: 1 - 2 hours

Overlay:

After 3 - 4 hours

Coloring:

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

Packages:

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 35 g / l of VOC

physical alues according to EN

13300 brightness:	G.3Opaque	$\leq 10 \text{ GU } 85^\circ$; $1,5 \text{ GU } 85^\circ$
dry film thickness:	AND ₂	$> 50 \leq 100 \mu\text{m}$; ca. $55 \mu\text{m}$
ranulometry:	S.1 end	$<100 \mu\text{m}$
vapor tightness (ISO 7783-2): water tightness:	V2 Media W3 Low	$S_d = 0.39 \text{ m}$ $V = 53 \text{ g} / (\text{m}^2 * \text{d})$ $W = 0.06 \text{ kg} / (\text{m}^2 * \text{h}0.5)$

environmental conditions
for the application

Temperature: $5 - 30^\circ \text{C}$; Relative humidity: max 85%
The application of the product performed in unsuitable atmospheric conditions negatively affect drying times compromising the optimal achievement of the characteristics aesthetic and performance.

methods and tools

By roller or brush.
The first coat preferably with a brush and the second with a roller.
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In order to obtain more uniform finishes, especially when it is apply intense and / or bright colors, after having distributed in such a way uniform the paint, orient the rolls by blending upwards.
Airless application: nozzle $0.38 - 0.53 \text{ mm}$ ($0.015 - 0.021 \text{ inch}$) Pressure: $160 - 180 \text{ bar}$.

ilution

Max. 35% by volume with water for the first coat; 20% by volume with water for the second.

hex

$10 - 13 \text{ m}^2 / \text{l}$ per coat.
The yield may vary according to the roughness, porosity and absorption characteristics of the substrates and the application system adopted.

existence of rainwater

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, should suffer runoff from 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.

tools

With water immediately after use.

onservation

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

Systems involving the use of ALPHA ACRILMAT such as finish go applied on supports perfectly dry and seasoned. 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. 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

reparation

New plasters with civil finish Wait for the total seasoning; careful brushing; apply as a base coat of IMPREGNANTE ALPHATEX SF diluted 400% by volume with water

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 coat of ALPHATEX SF IMPREGNANT diluted 400% 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 ALPHA GROND or ALPHA GROND EXTRA in the color corresponding to the finish, diluted respectively at 30% and 25% by volume with DILUENTE PER ALPHA GROND or in the case of pronounced degradation conditions only for mineral substrates, apply a coat of FISSATIVO ALPHATEX diluted 50% by volume with DILUENTE X

Old organic paints, crumbling 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

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 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-adherent 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 coat of IMPREGNANTE ALPHATEX SF diluted 1: 2 with water with a brush

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 water cleaning; wait for drying; apply an undiluted coat of ALPHA DESINFECTOR and wait at least 6 hours before application of the most suitable primer 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 ALPHA ACRILMAT: 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

- Apply a first brush coat of ALPHA ACRILMAT diluted to a maximum of 35% by volume with water
- Wait at least 4 hours
- Apply a second coat of ALPHA ACRILMAT with a roller diluted at maximum 20% by volume with water

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 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.

OCI SPECIFICATIONS

figure to be included in the tender specifications and estimates

Matt acrylic water-based paint for outdoor wall surfaces (such as ALPHA ACRILMAT)

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S.1end

 $< 100 \mu\text{m}$

V.2Average

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