

# ALPHA GROND

Consolidates and evens out  
the absorption of wall supports



Solvent-based, solvent-based, insulating and consolidating primer for interior and exterior wall surfaces and reinforced concrete

## PRODUCT FEATURES

### Composition:

Based on acrylic styrene resin in solution and finely light stable pigments

### Main properties:

- Opaque in appearance
- Consolidates and evens the absorption of supports
- Guarantees optimal adhesion on slightly flaky substrates
- Free of aromatic solvents
- Unsaponifiable
- Promotes uniformity of color and coverage of paints and coatings
- Specific for the preparation of reinforced concrete surfaces cast on site and prefabricated

## TECHNICAL FEATURES

### Viscosity:

Brookfield 5000 - 7000 cps at 23 ° C

### Density (density):

1.10 ± 0.05 kg / dm<sup>3</sup>

### Solid content:

50 ± 2% by volume; 63 ± 2% by weight

### Drying at 23 ° C / 65% RH:

Touch dry: 4 - 6 hours

### Overcoating:

After 12 hours

### Coloring:

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

### Packaging:

5 and 15 l

### EU limit value for VOC content

Cat. A / h: 750 g / l (2010). This product contains a maximum of 640 g / l of VOC

Physical values according to EN 13300

<b>Brilliance:</b>	G.3Opaque	≤ 10 OJ 85 °
<b>Dry film thickness:</b>	AND <sub>2</sub>	<50 µm

## METHOD OF USE

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Environmental conditions  
for the application

Temperature: 1 - 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 brush, roller and spray (airless).  
It is advisable to apply it by brush, especially when the substrates involved show accentuated absorption and chalking.  
Airless application: 0.46 - 0.53 mm (0.018 - 0.021 inch) nozzle; Pressure: 160 - 180 bar.

Dilution

From 25 to 60% by volume with DILUENTE PER ALPHA GROND.

Surrender

8 - 10 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.

Cleaning tools  
storage

With DILUENTE PER ALPHA GROND or DILUENTE L.  
In tightly closed packs, in a cool and dry place, away from frost and heat sources.

Blending

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

Warnings

ALPHA GROND must be applied on perfectly dry, cured and compact substrates. Operations such as sanding, sandblasting, flame removal, etc. old coats of paint 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.

### Important

ALPHA GROND can be added with **INERT FOR ALPHA GROND** in order to obtain a filling and masking product for substrate imperfections. **INERT FOR ALPHA GROND** is a mixture of 0.4 mm calibrated lightened hollow siliceous aggregates, packaged in plastic packaging weighing 0.425 kg

### Preparation of the mixture with Inert for ALPHA GROND

Take 5 liters of the ALPHA GROND product and pour it into a clean can. Then add **the whole** pack of INERT FOR ALPHA GROND. Mix with a drill and whisk until a homogeneous mixture is obtained. Dilute the mixture obtained from 15 to 25% by volume max. with DILUENTE PER ALPHA GROND and proceed with

Yield of ALPHA GROND mixed with  
INERT FOR ALPHA GROND

the application, keeping the mixture well mixed, to avoid the sedimentation of the aggregates.

4 - 6 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.

Method of application of ALPHA GROND  
mixed with INERT FOR ALPHA GROND

By brush and roller.

It is advisable to apply with a brush, in particular when the substrates involved show accentuated absorption and chalking.

Cleaning tools

With DILUENTE PER ALPHA GROND or DILUENTE L.

## APPLICATION SYSTEMS

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### Preparation

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 in the color corresponding to the finish, diluted 30% by volume with DILUENTE PER ALPHA GROND

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 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

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

Reinforced concrete cast on site and new prefabricated

- Wait for the total seasoning; eliminate the residues of release agents; careful brushing; apply a coat of ALPHA GROND in the color corresponding to the finish, diluted 30% by volume with DILUENTE PER ALPHA GROND

Reinforced concrete cast on site and deteriorated prefabricated

- Removal of inconsistencies with hydro-cleaning; removal of damaged parts in reinforced concrete by exposing the reinforcing bars; restoration of the removed parts using specific passivating and non-shrinkage mortars from the premixed line for professional construction; wait at least 10 - 15 days; apply a coat of ALPHA GROND in the color corresponding to the finish, diluted 30% by volume with DILUENTE PER ALPHA GROND

Reinforced concrete painted with degraded paints

- Total removal of existing paint with POLYFILLA PRO S100 paint stripper and subsequent water cleaning; removal of damaged parts in reinforced concrete by exposing the reinforcing bars; restoration of

parts removed using specific passivating and non-shrinkage mortars from the premixed line for professional construction; wait at least 10 - 15 days; apply a coat of ALPHA GROND in the color corresponding to the finish, diluted 30% by volume with DILUENTE PER ALPHA GROND

Reinforced concrete painted with well-anchored chalking organic 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

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 a coat of ALPHA GROND in the color corresponding to the finish, diluted 30% by volume with DILUENTE PER ALPHA GROND

## Finish

- Finally apply one of the organic or acryl-siloxane outdoor finishes of the Sikkens range (adopting what is reported in the respective Technical Data Sheets)

## 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.

outside "and in the Sikkens notebook" The preparation of masonry supports "which we invite you to consult.

## TENDER SPECIFICATIONS

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

Solvent-based, insulating and consolidating primer for interior and exterior wall surfaces and reinforced concrete (Type ALPHA GROND)

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### Density (density): Solid

1.10 ± 0.05 kg / dm<sup>3</sup>

### content:

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### Drying at 23 ° C / 65% RH:

Touch dry: 4 - 6 hours

### Overcoating:

After 12 hours

### Coloring:

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

### Packaging:

5 and 15 l

### EU limit value for VOC content

Cat. A / h: 750 g / l (2010). This product contains a maximum of 640 g / l of VOC

### Physical values according to EN 1062

#### Appearance of the film:

G.3 Opaque ≤ 10 OJ 85 °

#### Dry film thickness:

AND2 <50 µm

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 instructions given by us are correctly followed and the work has been carried out in accordance with

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**rative Paints**

**NO)**



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 auditors by Akzo Nobel Coatings SpA, provided that all instructions given by us are correctly followed and the work has been lawful. In the event that the final result has been negatively affected by circumstances beyond our control, any and all are declined.

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