

# ALCASENSE

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## DESCRIPTION

Decorative easy to apply water-based stucco paste for interior applications. The continuous research in the field of formulations, has led to the creation of a highly performing product in the field of decorative, as the composition based on acrylic resins gives the product a longer cure time compared to lime based products, which thus allows a better organization of application times. So the application is more accessible even for less experienced users, such as "do-it-yourself" enthusiasts. The exclusive formula also gives a lower fragility of the applied product, thus reducing the risk of chipping once the product has dried. The greater elasticity allowed also to create a reference folder with the actual product on paper, thus showing the different effects proposed, which are: classical stone, real stone, grooved stone, grouted stone, ethnic stone, modern stone, neo-classical stone.

The use of this product, however, is not binding on the realization of the aforementioned effects, but leaves ample creative freedom to the applicator, who can then create real mural works of art.

It is indicated in the realization of wall decorations where a large visual impact is required, capable of enhancing the whole context as in living rooms or exclusive rooms. If it protected with appropriate products, it can also be used on substrates subject to high wear, but which at the same time require a high aesthetic coefficient, such as counters, flooring or functional walls such as bathrooms and kitchens.

Moreover, it can even be used, following an appropriate cycle, on substrates already covered with tiles.

## USES

For its extraordinary visual and tactile pleasantness, it is particularly suitable for embellishing the interior surfaces of apartments, studios, villas, hotels, and other settings which require an innovative surface material that will make each wall a unique creation, refined and elegant. It can be used for high frequency supports of stresses such as bar counters and floors.

Moreover, by using the right products as a primer, it can be used to adorn walls or floors already covered with tiles.

## PREPARING THE SURFACE

Wall supports: make sure the surface is perfectly dry, clean and smooth. Check that any existing paint is perfectly anchored to the surface. Having adequately prepared the surface, apply with a brush or short-hair roller, one-two coats of ISOLCOPREX INTERIOR primer, the first coat diluted with 50-100% water and the second with 20-30% water. Wait at least 6 hours between primer coats. After at least 12 hours and then apply ALCASENSE.

Stands covered with tiles: sand with thick abrasive paper in order to facilitate anchoring, dust, apply a coat of BOSTON PRIMER and wait for its complete catalysis. Then apply ALCASENSE as wall supports and finally protect the work with BOSTON FINITURA.

## APPLICATION

Before starting application, stir with an electric mixer at low speed.

**CLASSIC STONE:** Spread ALCASENSE in a single pass with a thickness of 2-3 mm using a stainless steel float and then carry out the smoothing of the product to make the surface ready to design. Use a grooved buffer and proceed to dab the surface with oblique strokes, imitating the grain of natural rocky wall. As soon it begins to dry (30-45 minutes), with a stainless steel trowel press the ridges and smooth. Where the surface, after the execution of the design, is very dry or, simply to soften the ridges and facilitate the smoothing of the product, it is appropriate, to spray the surface with water and then proceed with compression and smoothing. In the drying stages (1-2 hours), always wipe with a stainless steel trowel several times to achieve a polished effect. When the wall is dry (after 6-12 hours), proceed with a sponge to apply a coat of ALKANTARA diluted to 20-40% with water. After about two hours, proceed with the second ALKANTARA coat in the same colour or in different colours, blending the product with a damp sponge to achieve varying degrees of colour gradient.

**REAL STONE:** Spread ALCASENSE in a single pass with a thickness of 2-3 mm using a stainless steel float and then smooth out the product to make the surface ready for design. Use a striped buffer and proceed by dabbing the surface with a horizontal buffer, creating the gaps and irregular patterns typical of a rough concrete wall. As soon it begins to dry (30-45 minutes), with a stainless steel trowel press the ridges and smooth. Where the surface, after the execution of the design, is very dry or, simply to soften the ridges and facilitate the smoothing of the product, it is appropriate, to spray the surface with water and then proceed with compression and smoothing. In the drying stages (1-2 hours), always wipe with a stainless steel trowel several times to achieve a polished effect. When the wall is dry (after 6-12 hours), proceed with a sponge to apply a coat of ALKANTARA diluted to 20-40% with water. After about two hours, proceed with the second ALKANTARA coat in the same colour or in one or more different colours, blend the product with a damp sponge to achieve varying degrees of colour gradient.

**GROOVED STONE:** Spread ALCASENSE in a single pass with a thickness of 2-3 mm using a stainless steel float and then smooth out the product to make the surface ready for design. Use a striped buffer and proceed creating streaks either horizontally or vertically. As soon it begins to dry (30-45 minutes), with a stainless steel trowel press the ridges and smooth. Where the surface, after the execution of the design, is very dry or, simply to soften the ridges and facilitate the smoothing of the product, it is appropriate, to spray the surface with water and then proceed with compression and smoothing. In the drying stages (1-2 hours), always wipe with a stainless steel trowel several times to achieve a polished effect. When the wall is dry (after 6-12 hours), proceed with a sponge to apply a coat of ALKANTARA diluted to 20-40% with water. After about two hours, proceed with the second ALKANTARA coat in the same colour or in different colours, blending the product with a damp sponge to achieve varying degrees of colour gradient.

**GROUTED STONE:** Spread ALCASENSE in a single pass with a thickness of 2-3 mm using a stainless steel trowel. Subsequently smoothing out the product to make the surface ready for design. Use your fingers to mark the wall, creating streaks uneven vertical streaks of varying width. As soon it begins to dry (30-45 minutes), with a stainless steel trowel press the ridges and smooth. Where the surface, after the execution of the design, is very dry or, simply to soften the ridges and facilitate the

smoothing of the product it is appropriate to spray the surface with water and then proceed with compression and smoothing. In the drying stages (1-2 hours), always wipe with a stainless steel trowel several times to achieve a polished effect. When the wall is dry (after 6-12 hours), proceed with a sponge to apply a coat of ALKANTARA diluted to 20-40% with water. After about two hours, proceed with the second ALKANTARA coat in the same colour or in different colours, blending the product with a damp sponge to achieve varying degrees of colour gradient.

**ETHNIC STONE:** Spread ALCASENSE in a single pass with a thickness of 2-3 mm using a stainless steel trowel. Subsequently smoothing out the product to make the surface ready for design. Use your fingers to mark the wall, creating irregular waves of varying width, overlapping and crossing them either horizontally or vertically. As soon it begins to dry (30-45 minutes), with a stainless steel trowel press the ridges and smooth. Where the surface, after the execution of the design, is very dry or, simply to soften the ridges and facilitate the smoothing of the product, it is appropriate, to spray the surface with water and then proceed with compression and smoothing. In the drying stages (1-2 hours), always wipe with a stainless steel trowel several times to achieve a polished effect. When the wall is dry (after 6-12 hours), proceed with a sponge to apply a coat of ALKANTARA diluted to 20-40% with water. After about two hours, proceed with the second ALKANTARA coat in the same colour or in different colours, blending the product with a damp sponge to achieve varying degrees of colour gradient.

**MODERN STONE:** Spread ALCASENSE in a single pass with a thickness of 2-3 mm using a toothed stainless steel trowel. Subsequently smoothing out the product to make the surface ready for design. Use a decorative crocodile effect roller, for example, to achieve a specific decorative effect and proceed to roller the wall vertically, creating the desired design.

It is essential to moisten the roller with water before each pass. When the wall is dry (after 6-12 hours), proceed with a sponge to apply a coat of ALKANTARA diluted to 20-40% with water. After about two hours, proceed with the second ALKANTARA coat in the same colour or in different colours, blending the product with a damp sponge to achieve varying degrees of colour gradient. It is advisable to create this type of effect on surfaces of limited area (approx. 4 sq.m)

**NEOCLASSICAL STONE:** Spread ALCASENSE in one step with cross strokes in all directions. As soon it begins to dry (30-45 minutes), with a stainless steel trowel press the ridges and smooth. Where the surface, after the execution of the design, is very dry or, simply to soften the ridges and facilitate the smoothing of the product, it is appropriate to spray the surface with water and then proceed with compression and smoothing. In the drying stages (1-2 hours), always wipe with a stainless steel trowel several times to achieve a polished effect. When the wall is dry (after 6-12 hours), proceed with a sponge to apply a coat of ALKANTARA diluted to 20-40% with water. After about two hours, proceed with the second ALKANTARA coat in the same colour or in different colours, blending the product with a damp sponge to achieve varying degrees of colour gradient.

**All the described finishes can be treated with ALCALUX transparent protective glazing. This will provide a polished, adherent, elastic film; resistant to abrasion, weathering, water absorption and accumulation of dirt.**

When **ALCASENSE** is used as a coating for bathrooms, kitchens, or high-traffic environments is advisable to protect the surface with **BOSTON FINITURA**, polished or satin, to give excellent physical-mechanical characteristics and high chemical resistance.

The application temperature should be between 5 °C and 30 °C. The product can be cleaned with a non-abrasive sponge using water and common soaps and neutral detergents. Do not use alcohol and solvent-based detergents.

*In order to achieve the described decorative effects it is essential to use **ISOLCOPREX EXTERIOR** as the base primer.*

#### **DILUTION**

Ready for use.

#### **TECHNICAL DATA**

<b>PRODUCT</b>	Decorative finishing
<b>SPECIFIC WEIGHT</b>	1.700 ± 0.050 kg/L
<b>VISCOSITY</b>	Thick paste
<b>COLOUR</b>	White
<b>APPLICATION METHOD</b>	Various according to effect
<b>THEORETICAL YIELD</b>	1.5-2 kg/sq.m
<b>DRYING TIME (at 23 °C)</b>	
<b>Dust-free time</b>	30-40 minutes
<b>Touch dry</b>	1-2 hours
<b>Deep dry</b>	24 hours

#### **CLEANING**

Whit water immediately after use.

#### **STORAGE**

Keep away from heat, in a cool and ventilated place, protected from freezing temperatures.

The above technical knowledge regarding the application and the proper use of the products does not mean ALCAS ITALIA s.r.l. assumption of responsibility for the use and application of the products. Because of the unpredictable variability of operating conditions, the APPLICATOR must verify the use of the product under their own conditions with direct evidence. We reserve the right to change the contents of this document without prior notice. As soon as a new version of this data sheet is available, it will no longer be valid.