

Alcasense

Description

Water-based indoor decorative paste coating, easy to apply. A ceaseless formulation research made it possible to create a highly performing decorative product, in that the composition based on acrylic resins provides longer curing times compared with lime-based products, thus allowing a better organization of application times and a friendlier use even for *DIY* enthusiasts. Moreover, the exclusive formulation provides higher resistance to the applied product, reducing the risk of chipping of the dried surface. The increased elasticity also allows for the realisation of a *palette* showing the actual product in the different possible effects: **pietra classica, pietra vera, pietra rigata, pietra fugata, pietra etnica, pietra moderna, pietra neoclassica**.

The employment of this product is not limited to the abovementioned effects, as the creativity of the decorator is left free to realise true mural works of art.

It is therefore indicated for the realisation of mural decorations of strong visual effect, capable of enhancing the entire context (salons, exclusive places, et cetera). Moreover, if protected with suitable products, it can also be employed on substrates subject to intense wear but requiring, at the same time, a high aesthetical value, such as counters, floorings or functional kitchen/bathroom walls.

Uses

For its extraordinary visual and tactile pleasantness, it is particularly indicated for embellishing the interior surfaces of flats, studies, villas, hotels with a unique, refined, elegant effect recalling matter painting.

Moreover, using suitable primers, it can be employed for embellishing walls and floorings covered with ceramic tiles.

Surface preparation

Mural substrates: Ensure that the substrate is perfectly dry and seasoned, clean and smooth. Test for proper adhesion of existing paint. Once the substrate has been prepared, apply (by brush or short-pile roller) 1-2 coats of ISOLCOPREX EXTERIOR (the 1st one diluted with 50-100% of water, the 2nd one with 20-30% of water). Allow at least 6 hours between each coat. After at least 12 hours, apply ALCASENSE.

Substrates covered with ceramic tiles: sand with coarse-grit sandpaper in order to promote adhesion, dust, apply 1 coat of BOSTON PRIMER and wait for complete catalysis. Then, apply ALCASENSE as for mural substrates and protect the work with BOSTON FINITURA.

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Application

It is advisable to stir with an electric mixer at low r.p.m. before starting the application.

PIETRA CLASSICA ("classic stone"): apply ALCASENSE in a single pass (2-3 mm), using a stainless-steel finishing trowel. Then, smoothen the product to prepare the surface. Pat along the surface with a block wire paintbrush held obliquely, trying to create the veining typical of a mountain face. As the product starts drying (30-45 minutes), compact the surface with a stainless-steel finishing trowel in order to flatten ridges. If the substrate is too dry, water can be sprayed on it to facilitate smoothening. During drying (1-2 hours), polish the surface by passing a clean stainless-steel finishing trowel over the surface. Once the surface is dry (after 6-12 hours), apply 1 coat of ALKANTARA (diluted with 20-40% of water) using a sponge. After ca. 2 hours, apply a 2nd coat of ALKANTARA (colour-matched with the 1st coat or, alternatively, in multiple shades), spreading the product with a wet sponge in order to obtain various *nuances*.

PIETRA VERA ("real stone"): apply ALCASENSE in a single pass (2-3 mm), using a stainless-steel finishing trowel. Then, smoothen the product to prepare the surface. Pat along the surface with a block wire paintbrush held horizontally, creating the holes and the uneven pattern typical of a cement-finished wall. As the product starts drying (30-45 minutes), compact the surface with a stainless-steel finishing trowel in order to flatten ridges. If the substrate is too dry, water can be sprayed on it to facilitate smoothening. During drying (1-2 hours), polish the surface by passing a clean stainless-steel finishing trowel over the surface. Once the surface is dry (after 6-12 hours), apply 1 coat of ALKANTARA (diluted with 20-40% of water) using a sponge. After ca. 2 hours, apply a 2nd coat of ALKANTARA (colour-matched with the 1st coat or, alternatively, in multiple shades), spreading the product with a wet sponge in order to obtain various *nuances*.

PIETRA RIGATA ("striped stone"): apply ALCASENSE in a single pass (2-3 mm), using a stainless-steel finishing trowel. Then, smoothen the product to prepare the surface. Using a block wire paintbrush, create horizontal or vertical stripes. As the product starts drying (30-45 minutes), compact the surface with a stainless-steel finishing trowel in order to flatten ridges. If the substrate is too dry, water can be sprayed on it to facilitate smoothening. During drying (1-2 hours), polish the surface by passing a clean stainless-steel finishing trowel over the surface. Once the surface is dry (after 6-12 hours), apply 1 coat of ALKANTARA (diluted with 20-40% of water) using a sponge. After ca. 2 hours, apply a 2nd coat of ALKANTARA (colour-matched with the 1st coat or, alternatively, in multiple shades), spreading the product with a wet sponge in order to obtain various *nuances*.

PIETRA FUGATA ("grouted stone"): apply ALCASENSE in a single pass (2-3 mm), using a stainless-steel finishing trowel. Then, smoothen the product to prepare the surface. Use fingers to create vertical irregular stripes. As the product starts drying (30-45 minutes), compact the surface with a stainless-steel finishing trowel in order to flatten ridges. If the substrate is too dry, water can be sprayed on it to facilitate smoothening. During drying (1-2 hours), polish the surface by passing a clean stainless-steel finishing trowel over the surface. Once the surface is dry (after 6-12 hours), apply 1 coat of ALKANTARA (diluted with 20-40% of water) using a sponge. After ca. 2 hours, apply a 2nd coat of ALKANTARA (colour-matched with the 1st coat or,

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alternatively, in multiple shades), spreading the product with a wet sponge in order to obtain various *nuances*.

PIETRA ETNICA ("ethnic stone"): apply ALCASENSE in a single pass (2-3 mm), using a stainless-steel finishing trowel. Then, smoothen the product to prepare the surface. Use fingers to create more-or-less wide and irregular waves that overlap and cross each other horizontally or vertically. As the product starts drying (30-45 minutes), compact the surface with a stainless-steel finishing trowel in order to flatten ridges. If the substrate is too dry, water can be sprayed on it to facilitate smoothening. During drying (1-2 hours), polish the surface by passing a clean stainless-steel finishing trowel over the surface. Once the surface is dry (after 6-12 hours), apply 1 coat of ALKANTARA (diluted with 20-40% of water) using a sponge. After ca. 2 hours, apply a 2nd coat of ALKANTARA (colour-matched with the 1st coat or, alternatively, in multiple shades), spreading the product with a wet sponge in order to obtain various *nuances*.

PIETRA MODERNA ("modern stone"): apply ALCASENSE in a single pass (2-3 mm), using a stainless-steel square-notch finishing trowel. Then, using a straight-edge finishing trowel, smoothen the product to prepare the surface. Run a specific decoration roller (e.g. a crocodile-effect roller) vertically along the surface to create the desired effect. It is essential to moisten the roller with water before each stroke. Once the surface is dry (after 6-12 hours), apply 1 coat of ALKANTARA (diluted with 20-40% of water) using a sponge. After ca. 2 hours, apply a 2nd coat of ALKANTARA (colour-matched with the 1st coat or, alternatively, in multiple shades), spreading the product with a wet sponge in order to obtain various *nuances*. **It is advisable to realise this type of effect on surfaces of modest size (ca. 4 m²).**

PIETRA NEOCLASSICA ("neoclassical stone"): apply a single layer of ALCASENSE, crossing the strokes of trowel in all directions. As the product starts drying (30-45 minutes), compact the surface with a stainless-steel finishing trowel in order to flatten ridges. If the substrate is too dry, water can be sprayed on it to facilitate smoothening. During drying (1-2 hours), polish the surface by passing a clean stainless-steel finishing trowel over the surface. Once the surface is dry (after 6-12 hours), apply 1 coat of ALKANTARA (diluted with 20-40% of water) using a sponge. After ca. 2 hours, apply a 2nd coat of ALKANTARA (colour-matched with the 1st coat or, alternatively, in multiple shades), spreading the product with a wet sponge in order to obtain various *nuances*.

All the described finishes can be treated with the protective transparent glaze ALCALUX. This will result in a film characterized by gloss, adhesion, elasticity, resistance to scrub, weather, water absorption, dirt build-up.

If ALCASENSE is employed as a coating for bathrooms, kitchens or highly-frequented environments, it is advisable to protect the surface with BOSTON FINITURA (gloss or satin) in order to enhance mechanical characteristics and chemical resistance.

The temperature of application must be between 5°C e 30°C. The product can be wiped with a non-abrasive sponge, using water and ordinary neutral soaps and detergents. Do not use alcoholic detergents or solvents.

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In order to obtain the aforesaid decorative effect, it is essential to employ ISOLCOPREX INTERIOR as an undercoat.

Dilution

Ready to use.

Cleaning tools

With water immediately after use.

Storage

12 months in sealed container, away from sources of heat, in a cool and ventilated place, protected from frost.

Technical data

PRODUCT	Decorative coating
SPECIFIC WEIGHT	1,700 ± 0,050 kg/l at 20°C
VISCOSITY	Viscous paste
COLOUR	White
APPLICATION METHOD	Depending on the chosen effect
THEORETICAL YIELD	1,5-2 kg/m ²
TOUCH-DRY (23°C)	1-2 hours
DEEP-DRY (23°C)	18-24 hours

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The aforementioned technical notions regarding the application and correct use of the product do not imply liability of Alcas Italia S.r.l. for use and application of the products themselves. Due to the unpredictable variability of application conditions, the USER must verify with direct tests the suitability of the product for each peculiar use. We reserve the right to modify the content of this document, without notification. As soon as a new version of these technical data sheet becomes available, this one won't be valid any longer.

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