

Archi+ Concrete

Lime-based plaster with “concrete-look effect”

GENERAL FEATURES

Archi+ Concrete is a mineral plaster coat in powder for interiors. It is made of well-seasoned hydrated lime putties, white cement, specific aggregates and rheological modifiers carefully selected to ensure an excellent workability.

The particular grain curve of **Archi+ Concrete** and the possibility to overlap it with one or more layers of **Fase Silossanica**, acryl-siloxane colour wash (matt), ensures to achieve cutting-edge elegant concrete effects, in line with the newest trends in the interior design.

USES

Archi+ Concrete permits to achieve post-industrial concrete-look textures, with elegant soft colour washing shades.

The thickness of **Archi+ Concrete** ensures high protection performances on the substrate where it is applied-on.

IDENTIFICATION FEATURES

Nature of the Binder: white cement and synthetic resins

- Density: powder

- Product Pot life: 120 minutes once mixed with water (25°C, UR=60%).

PRODUCT PREPARATION

Archi+ Concrete: use 4,8–5,7 l of clean water for each sack of 15 kg of **Archi+ Concrete**

Pour slowly **Archi+ Concrete** into the water and mix carefully until any air-bubble disappears. Mix the product for approx. 3 minutes increasing the speed of the driller until achieving a soft and creamy paste. Then let set the product for 5-10 minutes before the application.

TINTING

Weight in a container the clean water necessary for the preparation of the paste. Dispense into the container the selected pigments. Mix manually pigments with water.

Pour slowly **Archi+ Concrete** into water and mix slowly with mechanic mixer to avoid any clumps.

Wait 5-10 minutes before the application of the paste.

DILUTION

Fase Silossanica: dilute 1:1 with water.

WARNINGS

The amount of water must be dosed and kept constant for subsequent coloration of the product.

Different batches can create uneven tones and textures.

The mixing timings must be the same.

Do not use the products over the pot life unless the viscosity allows the application.

Do not add water during the application in order to reduce the viscosity.

Do not apply the product on wet substrates or if humidity comes up from the bottom to the top.

SUBSTRATE PREPARATION AND APPLICATION

(Environmental conditions T=25°C, UR=60%).

The substrate must be perfectly dry, dust-free, with no humidity and salt stains.

Remove any traces of disarming.

Remove with mechanic drill or high pressure washing detaching parts or traces of dirt. Level any irregularities in the surface and treat holes, cracks, cervices and gaps in indoor with specific products. Wait for the complete maturation of the substrate before to start the application.

For the preparation of the substrate, **Archi+ Fondo** (mineral key coat) can be applied-on in one or two coats in order to build up the ideal mineral support for **Archi+ Concrete**.

On dry and compact substrate, apply with brush a layer of **Decofix** (micronized clear sealer) properly diluted.

For non-chalk, solid and compact surfaces, **Novaprimer** (acrylic pigmented sealer) can be applied in one layer, diluted, with brush.

“Standard Effect”

When the substrate is completely dry, apply one smooth coat of **Archi+ Concrete** with a stainless steel trowel (NAT012, NAT013).

Remove any imperfection and/or the exceeding amount if any.

Wait between 40 to 90 minutes (depending on the substrate and weather conditions) before apply a second coat of **Archi+ Concrete** with a stainless steel trowel, achieving a uniform and even surface.

Work into the product still wet with the specific “trowel for **Archi+ Concrete**” until reaching the desired texture typical of the product.

Wait the product starts to set (partially dry) before smoothing it down with a stainless still trowel.

It is possible to enhance the post-industrial concrete look applying one or two layers of **Fase Silossanica** with sponge, on dry surface.

Apply the first layer of **Fase Silossanica**, diluted, with a clean and dry sea sponge.

Remove the exceeding products, working the surface with a clean and dry sponge.

When the substrate has dried out totally, apply a second coat of **Fase Silossanica** following the same procedures.

Drying time: 48 hours approx. depending on the type of substrate, its absorption rate and weather conditions.

“Wood Effect”

When the substrate is completely dry, apply one smooth coat of **Archi+ Concrete** with a stainless steel trowel (NAT012, NAT013).

Remove any imperfection and/or the exceeding amount if any.

Wait between 40 to 90 minutes (depending on the substrate and weather conditions) before apply a second coat of **Archi+ Concrete** tinted, with a stainless steel trowel. Work immediately the surface with rubber pad float for wooden effect (NAT033).

Wait the product starts to set (partially dry) before smoothing it down with a stainless still trowel.

It is possible to enhance the post-industrial concrete look applying one or two layers of **Fase Silossanica** with sponge, on dry surface.

Apply the first layer of **Fase Silossanica**, diluted, with a clean and dry sea sponge.

Remove the exceeding products, working the surface with a clean and dry sponge.

When the substrate has dried out totally, apply a second coat of **Fase Silossanica** following the same procedures.

Drying time: 48 hours approx. depending on the type of substrate, its absorption rate and weather conditions.

Archi+ Concrete can be used in exteriors too, as long as minimum two layers of Fase Silossanica are applied on top of it. It is recommended to apply the first layer of Fase Silossanica transparent and the subsequent layer/s of Fase Silossanica tinted.

RECOMMENDATIONS

During the entire application process, the product must be protected from cold and high heat changes.

Do not apply with air, substrate and product temperature lower than +5°C and higher than +35°C, nor under direct sun light, nor on superheated surfaces (even if already in shadow).

Environmental humidity must be <75%; substrate humidity must be <10%.

It is advisable to complete each work with materials from the same batch of production. When using multiple batches, it is recommended to remix the various products together to avoid slight differences in shading.

For the correct use, dilution and application of the products here mentioned, consult their respective technical data sheets.

During the preparation of the substrate and application of the products, it is recommended the correct use of tools and individual protective devices (dpi).

TOOLS CLEANING

With water, immediately after their use.

YIELD

Archi+ Concrete (ref. to the paste): 1,3-1,8 Kg/m², in two layers, depending on the type of substrate and on its absorption. It is suggested to test the effective yield directly at site.

Archi+ Concrete (ref. to the powder): 0,9-1,2 Kg/m², in two layers, depending on the type of substrate and on its absorption. It is suggested to test the effective yield directly at site.

Fase Silossanica: 12-15 m²/l for two layers depending on the type of substrate. It is suggested to test the effective yield directly at site.

COLOUR

White and Archi+ Concrete colour card

PACKAGING

Archi+ Concrete: 15 Kg sack

SHELF LIFE

The packaged product is guaranteed for 12 months, if stored in the original sealed package and at temperatures between +5°C and +35°C.

SECURITY PROCEDURES

Irritant / risk of serious eye damage / irritation of the skin / Keep out of the reach of children / avoid contact with eyes / in case of contact with eyes, clean the up immediately with fresh water and seek medical advice / wear suitable gloves and protect eyes / face / not breathe dust / If swallowed, seek medical advice immediately and show this container or label. The product must be transported, stored and used in accordance with current standards of hygiene and safety, let dry completely and treat them as special waste. For more information see the safety data sheet

NB- NOVACOLOR ensures that the information herein has been provided to the best of its experience and its technical and scientific knowledge, but cannot take any responsibility for the results obtained by using them as the conditions of application are beyond its control. We recommend to check the suitability of the product to each specific instance. This TDS cancels and replaces all previous editions.