

Novacolor
is a brand of
San Marco Group Spa

info@novacolor.it
+39 0543 401840
www.novacolor.it

SAN MARCO GROUP
Via Alta 10/A - 30020
Marcon (Venezia), Italia

info@sanmarcogroup.com
+39 041 4569322
www.sanmarcogroup.com

Archi+ Concrete

Mineral plaster coat in powder for interiors and exteriors, for cement effects



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PRODUCT DESCRIPTION

Archi+ Concrete is a mineral plaster coat in powder for interiors and exteriors. 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 design. 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.

USES

Archi+ Concrete can be applied on: New and old base hydraulic binder-based plaster. Gypsum and plasterboard surfaces Old paints and organic or mineral coatings, dry, compact, absorbent and cohesive. Various absorbent mineral conglomerates. Do not apply on ETICS thermal insulating systems.

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%).

MIXTURE 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 drillers until achieving a soft and creamy paste. Then let set the product for 5-10 minutes before the application.

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

(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, services 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.

RECOMMENDATION

During the entire application process, the product must 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).

With water, immediately after their use.

CLEANING OF TOOLS

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

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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.

White and Archi+ Concrete colour card

Archi+ Concrete: 15 Kg sack

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

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.