

# Archi+ Big

Powdered lime-based plaster with big grains for interiors and exteriors.

## GENERAL FEATURES

**Archi+ Big** 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 the product and the application technique ensure to achieve pleasant aesthetic effect, even with the application of one single layer.

## USES

With appropriate precautions during the application of **Archi+ Big**, it can be used on:

- Lime and cement mortars
- Premixed renderings
- Pre-existing lime and gypsum plasters
- Moisture-permeable plasters
- Gypsum plasterboard

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

Pour slowly **Archi+ Big** 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 PHASE

Put the clean water in a clean empty bucket. Add the requested pigments into the water and mix it manually. Once the colorants are diluted in the water, pour slowly **Archi+ Big** into the liquid and mix carefully until any air-bubble disappears. Mix the product for approx. 3 minutes increasing the speed of the driller till 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.

It is recommended the use of materials from the same batch of production. In case of different batches, mix the batches to avoid slight differences of color. |

## SUBSTRATE PREPARATION AND APPLICATION

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+ Big**.

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.

When the substrate is completely dry, apply one smooth coat of **Archi+ Big** with a stainless steel trowel.

Work into the product still wet with the flat part of the trowel, depending on the aesthetic desired effect.

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

It is possible to enhance an even more decorated look applying one or two layers of **Fase Silossanica** on the completely dry surface. It is advisable to apply the first layer of colourless **Fase Silossanica** to apply later one or more layers of tinted **Fase Silossanica** to complete the decoration and protection.

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.

## 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+ Big (ref. to the paste):** 2,0-2,7 Kg/m<sup>2</sup>, in one layer depending on the type of substrate. It is suggested to test the effective yield directly at site.

**Archi+ Big (ref. to the powder):** 1,2-1,8 Kg/m<sup>2</sup>, in one layer depending on the type of substrate. It is suggested to test the effective yield directly at site.

**Fase Silossanica:** 12-15 m<sup>2</sup>/l for 2 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+ Big:** 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.