TECHNICAL DATA SHEET

PUNTINATO A

Lime-based coating

DESCRIPTION

Puntinato A is a wallcovering paste for outdoors and indoors, made from a mineral binder, which allows you to get a finish very similar to that of the ancient plasters in buildings of Venice. The product appears always different, characterized by tones and color effects that depend on the abilities of the decorator; *Puntinato A* is characterized by a speckled effect determined by the use of specific minerals. *Puntinato A* creates a layer of considerable thickness, resistant to weathering, and has an excellent breathability. The product is particularly suitable for restoration work, even for buildings of particular historic and artistic interest.

COMPOSITION

Coating based on slaked lime and selected aggregates.

PERFORMANCE DATA

Properties	Class	Method	Values
Grain size	Coarse	ISO 787-7	Maximum 0.7 mm
Water permeability	Medium	UNI EN 1062-3	W=0,20 kg/m2h0,5
Permeability to water vapor	High	UNI EN ISO 7783-2	Sd=0,08 (thickness of 0,7 mm)
Drying (at 25 °C and 65% of relative humidity)		Internal CAP	Dry to touch 2-3 hours; overcoatable after 12 hours (depending on thickness applied).

SHELF LIFE

1 year minimum, stored in its unopened original can at temperatures between +5°C and +30°C.

COLOUR RANGE

Cream white.
The colour could vary slightly from one production batch to the next; it is therefore important to finish the job with the same batch.

TYPICAL USE

It can be applied on:
- New and old plasters based on hydraulic binders.
- Old paints and coatings mineral in nature, dry, compact, absorbent and cohesive.
- Conglomerates of various mineral kinds, only if absorbent. Surfaces should be adequately prepared following the procedures of paragraph SURFACE PREPARATION 1. Do not apply on freshly painted surfaces.

TOOLS

Stainless steel trowel, plastic trowel, sponge float. Tools should be cleaned immediately after use with water.

COVERAGE

2.5-3 kg/m^2 in 2 coats on smooth surfaces and average absorption. It's advisable to determine the actual yield with a preliminary test on the specific surface.

THINNING

Ready to use. Being a mineral based product, during storage *Puntinato A* can increase its viscosity. To restore the original one, the product needs to be shaken with a mechanical mean, with an optional addition of water 1% max.

APPLICATION TEMPERATURE

+10°C +30°C

CAP ARREGHINI SpA 30026 PORTOGRUARO/VE Viale Pordenone, 80 Tel.0421 278111 Fax 0421 75498/ 0421 278115
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COATING SYSTEM

PREPARATION OF SUPPORT

Plaster surfaces:

1. Make sure that the surface has a maturation time of at least 28 days.
2. Check the condition. The surface must be consistent. Otherwise provide for the restoration or consolidation with specific products.
3. If mold is present, treat the surface with *B1*.
4. Brush or wash any efflorescence.
5. In the presence of old lime paints or tempera remove any parts flaking and not perfectly adherent.
6. Remove any dust, smog or other deposits by brushing.
7. Cracks must be properly treated. Indoors all irregularities, holes, cracks, crevices and gaps must be leveled with K29 or *Stucco Light*; outdoors, it is preferable to perform any smoothing and/or restoration with products of the same nature or with *Rasante 401*.
8. Apply *Puntinato* A following the application instructions.

Reinforced concrete, precast concrete, plaster skims, smoothing compounds, drywall, old synthetic paints

Apply a layer of *Unifix Fine* and proceed with application of *Puntinato A* following the application instructions.

APPLICATION INSTRUCTIONS

- Since the drying and carbonation of *Puntinato* A, as for all lime products, are strongly influenced by the conditions of temperature and humidity, it is recommended to apply at temperatures between 10 ° C and 35 ° C and relative humidity <75% .
- Avoid applying in direct sunlight.
- Exposure to weather, rain, high humidity, low temperature, surface treated with lime trim, may result in spontaneous bleaching of the finish during the carbonation process. This can be irreversible in very extreme conditions.
- After application, outdoor surfaces must be protected from rain and humidity until complete drying of the product, which normally (at 20 ° C) takes about 72 hours.
- If the substrate does not require a fixative, it is advisable to dampen it in order to prevent the wall from drawing an excessive amount of the water contained in the binder.
- Number of coats: the product must be applied at least with 2 coats for the adequate preparation of the background.

Application procedure for the effect "marble type":
- Tools: stainless steel or plastic trowel.
- Apply an undercoat to even out the surface
- After 12 hours, apply another layer of product in order to get the proper thickness
- Once the product applied starts to live, apply small amount of product, wet on wet , compressing the surfaces and compacting them so as to fill the porosity.
- Thereafter proceed to polishing.

For the rustic effect " coloured plaster type":
- Tools: steel / plastic trowel and finish with a sponge float.
- Apply an undercoat to even out the surface
- After 4-5 hours, apply another layer of product in order to get the proper thickness
- Once the product applied starts to live, finish with a sponge trowel (not wet the surfaces being worked on) or stainless steel trowel, but make sure not to give too much pressure to avoid "'ripple effect."

SPECIFICATION ITEM

Mineral, lime-based wallcovering to be applied at least in 2 coats, with features of high water vapor permeability (UNI EN ISO 7783-2) and medium water permeability UNI EN 1062-3.

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INSTRUCTIONS

To carry out the work in a workmanlike manner is essential to follow the instructions for the preparation of the surfaces contained in the Book CAP Arreghini. The specification data were determined at 23 ° C with relative humidity of 65%. In different conditions, the data and the time between operations can undergo to changes.
The technical information are approximate. Due to the enormous variety of media and application conditions, it is advisable to check the suitability of the product and its effectiveness by testing on the specific implementation.

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