

# LUNANUOVA

DECORATIVE FINISH FOR INTERIORS AND EXTERIORS - MULTICOLOR CRYSTALS EFFECT

## Series 022

### DESCRIPTION

LUNANUOVA is a transparent acrylic-siloxane decorative finish enriched with reflective crystals.

In interiors, the final effect varies depending on the chosen base coat. The product is particularly suitable in combination with water-based paints and other decorative finishes such as COLOREVIVO, BRAVOCASA, UNIMARC SMALTO MURALE (wall enamel), RILIEVO, MARCOPOLLO, and CADORO.

To enhance the effect in exteriors, we recommend applying it onto smooth or thick base coats - also on surfaces with thermal insulation systems - in one of the colors indicated in the specific color palette.

The new formulation based on acrylic binders and siloxane components combined with a specific mold- and algae-inhibiting protection, creates the perfect mix to protect the wall from molds and algae.

### INSTRUCTIONS FOR USE

May be applied in interiors on:

- New and old plasters based on hydraulic binders.
- Concrete surfaces.
- Gypsum and gypsumboard surfaces.
- Old paints and wall coatings that are organic or mineral in nature, dry, compact, absorbent and cohesive.
- Mineral conglomerates of various kinds, as long as they are absorbent.
- Surfaces in wood, chipboard, plywood and similar.

May be applied in exterior on:

- External Thermal Insulation Composite Systems (ETICS).
- New and old plasters based on hydraulic binders.
- Concrete surfaces.
- Old paints and wall coatings that are organic or mineral in nature, dry, compact, absorbent and cohesive.
- Mineral conglomerates of various kinds, as long as they are absorbent.

Surfaces should be adequately prepared by following the instructions given in the paragraph 'PREPARING THE SURFACE'.

Do not apply on freshly-painted and alkaline-tending surfaces, and allow adequate curing time, typically four weeks.

### TECHNICAL SPECIFICATIONS

-Type of binder: acrylic copolymer modified with siloxane in aqueous dispersion

-Specific gravity per UNI EN ISO 2811-1:  $0.95 \pm 0.05$  kg/l

-Drying (at 25 °C and 65% RH): dust 30 min.; to touch 2 hours.

-Indoor Air Quality Classification: A

-Classification of reaction to fire EN13501-1: Class A2 s1 d0

Referred to a consumption not exceeding that indicated, and to an application on a non-combustible surface.

- Classification per UNI EN 1062-1: (paints for exterior)

.Gloss per EN ISO 2813: class G3 (<10 matt)

.Dry film thickness per ISO 3233: class E2 (50-100 µm)

.Grain size per EN ISO 1524: class S1 (<100 µm fine)

.Water vapour transmission rate per UNI EN ISO 7783-2: class V1 ( $S_d < 0,14$  m alto)  $S_d = 0,08$  m)

.Liquid water permeability per UNI EN 1062-3: class W3 ( $W \leq 0,1$  low)

.Crack-bridging per UNI EN 1062-7A: class A0 (no requirement)

.CO2 permeability per UNI EN 1062-6: class C0 (no requirement)

### PREPARING THE SURFACE

Apply the primer chosen for the realization of the effect desired.

Apply LUNANUOVA as described in the application instructions.

### APPLICATION INSTRUCTIONS

- Air and support surface conditions:

Air temperature: Min. +8 °C / Max. +35 °C

Relative environmental humidity: <75%

Support surface temperature: Min. +5 °C / Max. +35 °C

Moisture level of the support surface: <10%

- Avoid applying the product in direct sunlight.

- Following the application, exterior surfaces must be protected from rain and damp until the product is completely dry, which normally occurs (at 20 °C) after approx. 48 hours.

Application in interiors:

- Tools: spalter brush, brush, sponge

- Coats: one or more coats according to the desired effect.

- Dilution: with water 15% max.

- Cleaning of tools with water immediately after use.

Methods of application:

- Apply and spread the product directly with the chosen tool.

- For any application by plastic spatula it is recommended to spread the product first by brush.

- Indicative spreading rate: 12-15 m<sup>2</sup>/l according to the decorative base coat applied.

The consumption may partially vary according to the effect realized. In case of big projects it is recommended to perform a preliminary test.

Application in exteriors:

- Equipment: medium-wool roller, paint rag.

- Thinning: with water, at 40 to 50%.

- Number of coats: one or more, depending on the effect desired.

- Cleaning of the equipment: with water immediately after use.

Application procedures:

- Apply the product with a roller, wet-on-wet.

- Perform the final application according to the chosen finish:

.with roller: apply unevenly to obtain the shaded effect

.with paint rag: apply with the paint rag slightly soaked in LUNANUOVA, with movements in opposite directions to create the multi-facets enriched by the crystals.

- Indicative spreading capacity:

.15-20 m<sup>2</sup>/l per coat for use with roller on smooth or filling

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water-based paints

.10-15 m<sup>2</sup>/l per coat for use with paint rag on thick coatings  
Product tinting is recommended (see the color palette for the available colors)

Spreading capacities vary depending on the background surface and application procedure, and refer to smooth background surfaces with average absorption. We recommend determining the actual spreading capacity by making a small sample test on the actual background surface.

### TINTING

The product is available in the semicovering ready bases Silver (0070) and Gold (0190).

The tints are obtained through the tinting system and with the COLORADO colorants series 548.

When using multiple batches it is recommended to remix the various products together to avoid slight differences in shading.

### STORAGE

Maximum temperature for storage stability: +30 °C

Minimum temperature for storage stability: +5 °C

The product should be preferably used within 2 years from date of manufacture when stored in original unopened containers and in appropriate temperature conditions.

### SAFETY RULES

Limit value EU (Dir. 2004/42/EC)

Cat. A/I: Decorative effect coatings (water-base): 200 g/l (2010)

LUNANUOVA Contains max: 200 g/l VOC

the product must be used in accordance with the current hygiene and safety regulations; after use, do not litter, let residues dry out completely and treat them as special waste. Keep out of the reach of children. If swallowed, seek medical advice immediately and show the container or label. Do not empty into drains, flowing water or onto the ground.

Consult the safety data sheet for additional information.

### SPECIFICATION ITEM

Decorative finish for interiors and exteriors - multicolor crystals effect.

Apply LUNANUOVA series 022, on previously prepared surfaces, in coats and quantities according to the absorption of the support and the aesthetic effect desired.

Supply and installation of the material € ..... per square meter.

*SAN MARCO GROUP guarantees that the information herein is provided to the best of its technical and scientific knowledge and based on its experience; nonetheless, the company may not be held liable for the results obtained using these products, as application conditions are beyond its control. It is recommended to always make sure that the product is suited to each specific instance. The present sheet voids and replaces any previously existing sheets. For further technical information call the technical service +39 041 4569322.*

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