

# Lucedentro PAINT

WALL PAINT WITH PHOTOLUMINESCENT EFFECT

S.T.-I ast revised – 31.01.14

## **DESCRIPTION:**

Lucedentro PAINT is wall paint composed of synthetic copolymers in aqueous dispersion, additives and special, latest generation photoluminescent pigments. These photoluminescent pigments have the special property of absorbing direct light (natural or artificial), capturing it and emitting it autonomously when its dark. Photoluminescence is the distinctive physical property of rare inorganic aluminates present in nature, able to capture and hold sunlight or artificial light and to emit it in the dark for up to eight hours with decreasing intensity. A surface covered with Lucedentro PAINT has a more pronounced effect under irradiation by a UV lamp.

## **USES IN SECURITY AND DECORATION**

Lucedentro PAINT is used for SECURITY applications (escape routes, road signs, ect) and for DECORATION, to decorate spaces marked by design, creating an interaction of colour and new contrasts, in bathrooms, trendy bars, spas and relaxation areas. With Lucedentro PAINT unique environments are created of pure design in contemporary style. After absorbing the light, the surfaces glow in the dark, creating a magical atmosphere. The product can be applied on a white background as well as on pastel shades.

## **SURFACE PREPARATION:**

from never-painted wall surfaces, remove dust and bits of loose plaster with a soft brush, level imperfections with RASASTUCK, smoothing the surface with several coats. When hardened, insulate and paint the surface by applying a coat of PRIMER A 16 followed by two coats of washable white or pastel paint.

## **INSTRUCTIONS FOR USE:**

Lucedentro PAINT can be applied by brush, roller or spray. For applications with a roller or brush, apply the product as is. If sprayed, Lucedentro PAINT should be diluted with water (about 10-20%) until the desired viscosity is obtained. In any case we suggest not to exceed a 50% dilution to preserve a good glow in the dark effect. Mix the product well both before and during application as the pigments tend to settle. Two or more coats must be cross applied alternatively to obtain homogeneous distribution of the product on the wall. Prior to application of subsequent coats, wait until the first is dry enough. This will depend on the weather conditions and the surface porosity. Can be applied on cement or gypsum based surfaces after primer application. The treated surface is slightly rough due to the grain size of photoluminescent pigments.

## **CONSUMPTION:**

0.1-0.2 kg per m<sup>2</sup>.

**PACKAGING:**

Lucedentro PAINT is supplied in 1 - 2.5 - 5 kg plastic containers. Store the product in a dry place in tightly closed original packaging at temperatures between +5°C and +35°C. In these conditions it remains stable for at least 12 months.

**WARNINGS:**

do not mix the pure product, that already diluted for application. Store the product out of the reach of children. Do not contaminate with food, drink or water outlets. After handling, wash with soap and water. Avoid contact with eyes and skin. Wash tools and equipment with water before the product hardens. For more information or particular uses, contact our Technical Department.

**CERTIFIED SAFETY:**

For photoluminescent pigments, natural materials are used whose life cycles have low environmental impact. They also are not perishable, toxic or radioactive.

**TECHNICAL DATA:**

|  |                              |
|--|------------------------------|
| Aspect:  | thick paste                  |
| Colour:  | ocean blue or light blue     |
| Hazard sec. L. 88/379 CEE:                           | no                           |
| Flammability:  | no                           |
| Specific weight:                                     | 1.30 kg/l                    |
| Brookfield viscosity:                                | 20 000 cPs                   |
| Dry residue:   | 65 ( % of weight )           |
| Minimum film forming temperature:                    | + 5 °C                       |
| Drying:  | 2 hours ( dry to the touch ) |
| Deep drying:   | 24 hours                     |
| Tests performed at 23°C-U.R. 50% and no ventilation. |                              |

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| <p>The information contained in this bulletin is based on our experience. We cannot be held liable for any product misuse. We thus recommend assessing suitability and performing preliminary tests.</p> |
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