

## DESCRIPTION

**LUCE** is a plaster made from genuine finely filtered aged slaked lime, marble aggregates, shiny quartz sand, fillers, and binders. It has an excellent filling power, and a natural resistance to mold and bacteria.

**LUCE** is suitable for interior surfaces. Perfectly stable over time, it maintains the breathability of the substrate thanks to its outstanding water vapor permeability. Its unique composition allows the applicator to create satin and smooth surfaces, with a subtle metallic sheen.

**LUCE** is supplied in white color (**BIANCO**).

To tint **LUCE**, use oxide based pigments or any other lime-stable (alkali resistant) colorant.

## SURFACE PREPARATION

SURFACE	PREPARATION TIPS
Lime based mortar	Direct application
Old plaster	Brushing and pressure washing + 1 coat of <b>MINERAL PRIMER</b> or <b>DOC PRIMER</b>
Tempera	Brushing + 1 coat of <b>MINERAL PRIMER</b> or <b>DOC PRIMER</b>
Breathable paint	Brushing + 1 coat of <b>MINERAL PRIMER</b> or <b>DOC PRIMER</b>
MDF	1 coat of <b>MINERAL PRIMER</b> or <b>DOC PRIMER</b>
Plasterboard	1 coat of <b>MINERAL PRIMER</b> or <b>DOC PRIMER</b>
Gypsumboard	1 coat of <b>MINERAL PRIMER</b> or <b>DOC PRIMER</b>
Concrete	1 coat of <b>MINERAL PRIMER</b> or <b>DOC PRIMER</b>
Lime based glossy finish	Sanding + 1 coat of <b>MINERAL PRIMER</b> or <b>DOC PRIMER</b>
Washable paint	1 coat of <b>MINERAL PRIMER</b> or <b>DOC PRIMER</b>
Acrylic decorative paint	1 coat of <b>MINERAL PRIMER</b> or <b>DOC PRIMER</b>
Plastic rendering	Washing + 1 coat of <b>MINERAL PRIMER</b> or <b>DOC PRIMER</b>

## APPLICATION

**LUCE** is a ready-to-use lime based plaster.

### FIRST COAT

Consumption: approx. 0.9 - 1.0 kg/m<sup>2</sup> (0.09 - 0.10 kg/ft<sup>2</sup>)

Apply **LUCE** with stainless steel trowel all over the surface.

### SECOND COAT - 1<sup>st</sup> step

Consumption: approx. 0.5 - 0.6 kg/m<sup>2</sup> (0.05 - 0.06 kg/ft<sup>2</sup>)

Once the first coat is completely dry (6 hours), apply a second coat of **LUCE** to create a smooth and even surface.

### SECOND COAT - 2<sup>nd</sup> step

Consumption: approx. 0.1 - 0.2 kg/m<sup>2</sup> (0.01 - 0.02 kg/ft<sup>2</sup>)

Once the second coat is set, apply a small quantity of **LUCE**, pressing the grains of marble in the previous coat. Then, compact and polish the surface with a plastic trowel until the desired degree of smoothness.

## ENVIRONMENTAL CONDITIONS

During application, the environmental temperature has to be between +10°C and +30°C (+50°F and +95°F) while relative humidity has to be less than 85%, even after 24 hours after application.

## STORAGE

**LUCE** maintains its properties in storage for 24 months if protected from excessive heat and cold. Storage temperature must be between +5°C and +30°C. **KEEP FROM FREEZING.**

## SAFETY GUIDELINES

Avoid contact with skin and eyes. If contact occurs, rinse thoroughly with water. For further information, consult the MSDS.

## DISPOSAL

The material has to be disposed in agreement with local regulation. Empty plastic containers are recyclable or to be sent to recycling plants.

## LUCE TECHNICAL TABLE

Aspect	smooth with light metallic sheen
Packaging	1kg/2.2lb 20kg/44lb
Application tools	stainless steel trowel, decorative tools, sponge
Specific weight	1.56 ± 0.05 Kg/l
Theoretical yield	approx. 11-14m <sup>2</sup> / (118-150ft <sup>2</sup> ) with a bucket of 20kg/44lb
Granulometric curve	0.02 - 0.30 mm
Coating thickness	1.00 - 1.30 mm
Touch dry	6 hours at 20°C temperature
Dry to handle	48 hours at 20°C temperature
Stable hardness	180 gg
Dry to recoat	12 hours at 20°C temperature
PH after 30 days	12.5 ± 0.2
Flammability	non flammable - A1 class
Permeability to water vapor (Sd)	High: 0.06m (Standard UNI EN ISO 7783-2:2001)
VOC	<0.01g/l wall paint and subcategory L max value UE2010: 30g/l
HS CODE	3209.10.0000