



# TECHNICAL DATA SHEET

**PRODUCT:**

**PITTURA DECORATIVA ALLA CALCE**

## DESCRIPTION

Pittura Decorativa alla Calce - "Lime Paint" is a mineral paint based on slaked lime putty finely filtered and seasoned for at least 6 months and on natural inert charges.

Its environmental friendly formula is solvent free (0% VOC) and extremely low in chemical additives (less than 1,50% in total dry residue).

Easy to apply, it has an excellent covering power and is naturally resistant aggression by moulds and bacteria.

Pittura Decorativa alla Calce lime paint is suitable for indoor wall surfaces painting. Perfectly stable over time, it ensures outstanding breathe through properties thanks to its excellent permeability to water vapour.

## COLOR RANGE

Pittura Decorativa alla Calce lime paint is offered in BASIC WHITE color.

From the BASIC WHITE color, it is possible to obtain a wide range of colors by adding the appropriate COLORANT ADDITIVE.

## PRIMER

In order to obtain the suitable supports it is necessary to prepare them correctly, applying a coat of primer FOND FINE.

FOND FINE is a special clinging primer for mineral lime based products, based on acrylic polymers, natural fine quartz, inert charges and special additives. FOND FINE has a low content of VOC.

FOND FINE is a coarse primer, expressly formulated to adhere to all kind of surfaces.

Its particular rough structure eases the application of the exact quantity of product(in the first coat), in order to obtain the required thickness and a particularly glossy surface, with a high-quality final result of the covering.

The correct set up of the support is mandatory for a good result. As a consequence, if a primer coat is required, it's essential the use of the FOND FINE.

FOND FINE is suitable for a primer coat for indoor and outdoor surfaces.

## NEW SURFACE APPLICATION

SURFACE	PRELIMINARY TREATMENTS
Building plaster	coat of fixative FOND FINE
Plasterboard	coat of fixative FOND FINE
Plaster	coat of fixative FOND FINE

The information contained in this sheet has only informative value, as we cannot consider the specific conditions of each application.

Issued by:	Export Manager or External Institution	Approved by:	Export Manager		
	Atova International 2452 N Harlem, Elmwood Park, IL 60707 Phone: 708-452-9982; Fax 708-452-8331 <a href="mailto:info@paintandplasters.com">info@paintandplasters.com</a> <a href="http://www.paintandplasters.com">www.paintandplasters.com</a>			Document	ST033ING
				Issue date	03/05/07
				Revision	03
				Revision date	27/09/07
Page 1 of 3					



# TECHNICAL DATA SHEET

**PRODUCT:**

**PITTURA DECORATIVA ALLA CALCE**

## OLD SURFACE APPLICATION

SURFACE	PRELIMINARY TREATMENTS
Building plaster	good brushing and coat of fixative FOND FINE
Tempera	good brushing and coat of fixative FOND FINE
Breathable paint	good brushing and coat of fixative FOND FINE
Glossy lime-based untreated finishing	good brushing and coat of fixative FOND FINE
Glossy lime based finishing with soap coating	good brushing and coat of fixative FOND FINE
Glossy lime based finishing with wax coating	good brushing and coat of fixative FOND FINE
Washable paint	coat of fixative FOND FINE
Multicolor paint	coat of fixative FOND FINE

## APPLICATION CYCLE

Pittura Decorativa alla Calce is offered in thixotropic paste, to be diluted with water before using.

## PRIMER

Apply the primer FOND FINE .

## FIRST COAT

Product: Pittura Decorativa alla Calce mineral paint COL. 01 BASIC WHITE or COLORED

Consumption: approximately  $150 \div 200 \text{ g/m}^2$

Tools: brush or roller

## SECOND COAT

Product: Pittura Decorativa alla Calce mineral paint COL. 01 BASIC WHITE or COLORED

Consumption: approximately  $150 \div 200 \text{ g/m}^2$

Tools: brush or roller on a dry surface

## ENVIRONMENTAL CONDITIONS OF APPLICATION

The temperature must be included between  $+10^{\circ}\text{C}$  and  $+30^{\circ}\text{C}$  with relative humidity lower than 85%, also in the 24 hours following the application. For outdoor application, avoid windy and rainy days.

## STORAGE

The product maintains its properties for a period of 24 months if protected from excessive heat and cold.

The storage temperature must be included between  $+5^{\circ}\text{C}$  and  $+30^{\circ}\text{C}$ . Protect from frost.

## SAFETY GUIDELINES

The lime makes this product caustic.

Avoid contact with skin and eyes. If contact occurs, rinse thoroughly with water. For more information consult the safety sheet.

Keep this product away from children.

## DISPOSAL

The product must be disposed in agreement with current regulations.

Empty containers have to be sent to recycling plants.



# TECHNICAL DATA SHEET

**PRODUCT:**

**PITTURA DECORATIVA ALLA CALCE**

## TECHNICAL SPECIFICATIONS

Appearance	Glossy mat
Dilutation	20 ÷ 40% of water
Packaging	15 l net 5 l net
Application tools	Brush, roller
Specific weight	1,37 ± 0,05 Kg/l
Theoretical yield	0,300 ÷ 0,400 Kg/m <sup>2</sup> for 2 coats
Coating thickness	0,20 ÷ 0,30 mm for 2 coats
Dry to the touch	2 hours with environment temperature of 20°C
Dry to handle	48 hours with environment temperature of 20°C
Stable hardness	180 days
Dry to recoat	4 hours with environment temperature of 20°C
pH after 30 days	12,5 ± 0,2
Permeability to water vapour (Sd)	high 0,06m (Standard: UNI EN ISO 7783-2:2001)
VOC classification As per Dir. 2004/42/EC, Cat. A/c: Paints for exterior walls of mineral substrate EU limit value: 75g/l (2007), 30g/l (2010)	0 g/l of VOC if uncolored  20 g/l of VOC if colored with water based additives