

NAME	LITHOS
Description	Decorative coating with marble effect for interiors.
Main features	LITHOS is a decorative coating with an extremely smooth and natural polished marble effect. It is a beautiful and highly refined decorative finish for hotels, offices, shops, exhibition halls, living rooms, etc. Ideal for all types of interior surfaces such as cement renders, Gypsum plasters, prefabricated panels, as long as sufficiently smooth. With the range of colours and the applicator's capacity and inspiration, it is possible to attain a variety of designs and chromatic effects.
Classification (UNI 8681)	E. 2/4.C.O.A..2.FA Water soluble, single component, physically drying, matt, acrylic based, filler for base coats and finishes.
VOC Classification (Directive 2004/42/CE)	Paints for decorative effects. EU limit value for LITHOS (cat a/l): 300g/L (2007); 200 g/L (2010). LITHOS contains max 200 g/L of VOC.
Surface treatment of the substrate	Ensure that the surface to be coated is clean, dry, free from any foreign matter and sufficiently smooth and sound enough to support the application of the finish. No special preparation is required for new substrata which are sound, uniform, sufficiently plane and not powdery. A priming undercoat of PRYMER ACQ thinned 1:5 with water is however recommended. For substrates which are chalky, friable or porous and for all old surfaces to be redecorated, it is essential to thoroughly brush clean the entire area, apply a priming undercoat of PRYMER ACQ thinned 1:5 with water, then repair and level the surface with a water based filler.
Application	<ol style="list-style-type: none"> a) Apply the first coat of LITHOS in the chosen colour with a stainless steel trowel, carefully smoothing the entire surface and allow to dry for about 5 to 8 hours. In case of surfaces which are not plane and smooth, before proceeding with the next steps, it is advisable to give a second levelling coat as above. b) When completely dry, sandpaper the surface lightly with a very fine grade sandpaper to remove all imperfections. c) Proceed with the application of the decoration using a small stainless steel flexible spatula. Apply LITHOS in semi-circular movements to form fine coloured coats as wide as the spatula itself, spread evenly over the entire surface, scraping away all excess material at each movement. d) Continue the application of the LITHOS in this way for several coats, each time filling the spaces in between the coloured areas attained from the previous coat, thus forming the marble effect, typical of this product. A harder pressure should be given on the spatula with the last passage so as to achieve the gloss effect. The size of the spatula, the number of applications and the eventual combination of colours, will determinate the desired final effect. e) Once the decoration process has been completed and prior to final drying, pass over the surface with the same clean spatula and/or a cloth to give the final polished effect to the applied product. f) After complete drying it is possible, if desired, to give an extra protection and final polish by applying a coat of our wax CERA LTS or NATURWAX.
Practical advises	<p>When colouring with our tinting system, to allow an homogeneous mixing of the colouring paste, give a first blending turn with a spatula and then place the drum in the mixer for at least 10 minutes.</p> <p>The ambient temperature for application and during drying is recommended to be between +5°C and +35°C. Wash working tools with water after use. For coating of large surfaces it is recommended to limit the working area to a size of about 0.5 m² at a time, during the decoration phase.</p> <p>Environmental and surface conditions: Ambient Temperature : min. 5°C / max. 35; Ambient Relative Humidity: < 80% Surface Temperature: min. 5°C / max. 35; The product must be stored in original sealed drums at ambient temperatures not inferior to 5°C and protected from direct sunshine and strong heat.</p>

Safety precautions

- For safety precautions please consult the relative Material Safety Data Sheet.
- The user information are contained in the relative data sheet.
- The empty buckets with traces of dry product, must be disposed of according to local regulations.

Tender Item

Application of decorative coating with marble effect, Stucco Veneziano, LITHOS on interiors surfaces sufficiently smooth. The application will be made with a first skim layer of LITHOS, followed by a trowelled polish finish. Application of the product with a consumption rate of about 0.8-1.0 kg/m² at the cost of €. _____ per sq. m, including materials and labour and excluding scaffoldings and surface dressing.

Characteristics and other technical information	Method	Main data at 20°C and 60 % Relative Humidity
Coat finish and aspect		Polished
Density g/ml	MPL 007 (UNI 8910)	1,630 ÷ 1,680
Viscosity		Pasty
Consumption rate per coat (for a recommended dry film thickness of 1,0 mm) kg/m ²	MPL 059	0.8 ÷ 1.0
Recommended dry film thickness per coat (micron)	MPL 066	40 ÷ 80
Flash point °C	MPL 046 (UNI 8909)	Not flammable
Solid contents % in weight	MPL 027 (UNI 8906)	68 ÷ 72
Shelf life (in a fresh and dry environment)	MPL 064 (UNI 10154)	At least 36 months
Hard dry h	MPL 066	8
Overcoatable h	MPL 037	24
Sandpapering H	MPL 037	After 8hrs
Exteriors / Interiors		For Interiors
Colours		White, Colours with our tinting System
Binder		Styrol-acrylic
Cleaning of tools		Water
Thinner		Water
Trowel Application % volume	MPL 063	Ready to use

All the technical data herein contained are fruit of our best experience and have indicative value and do not constitute guarantee of result. All the information and data reported herein are subject to variation at any time according to the latest development in the production technology. The application of the product is carried out beyond our control and it is therefore under the exclusive responsibility of the client. The correct use of the products implies the compliance of the GENERAL prescriptions of use and in particular those indicated on this data sheet, particularly concerning the suitability and preparation of the substrates. The technical service of MATERIS PAINTS Italia S.p.A. is at the user disposal for the supply of any integrative information required.

THIS DATA SHEET ANNULS AND SUBSTITUTES ANY PREVIOUS VERSION.

MATERIS PAINTS Italia Spa

Head Office:
Via Nino Bixio, 47/49
20026 Novate Milanese (MI) ITALY
Production:
Via Provinciale, 309 – 21030 Cassano Valcuvia (VA) Italy



www.viero-coatings.it - viero@materispaints.it

Export Division:
Via Provinciale, 309 – 21030 Cassano Valcuvia (VA) Italy
Tel. (+39) 0332.999311 - Fax (+39) 0332.999399