

Name	MITHOS LUX
Description	Decorative self polishing lime based stucco for interiors.
Main features	<p>MITHOS LUX is a thin-layer decorative and levelling paste based on lime putty, natural earth pigments, micronized marble, adhesion improvers and special additives. After application the product reacts with carbon dioxide of the air generating microcrystalline calcium carbonate. The micro-porous structure ensure a good water vapour permeability. The controlled dosing of the components permits the application in several coats over the withered product without flaking or cracking.</p> <p>It is ideal to attain highly refined marble like glossy finishes. It is easy to apply on different nature of substrates provided that they are smooth, plane and properly prepared.</p>
Tinting System	It is possible to colour MITHOS LUX with our Tinting System.
Classification (UNI 8681)	E.2/4.C.O.AC.2.SA Water soluble, single component, chemically and physically drying, matt, acrylic based, filler for base coats and finishes.
VOC Classification (Directive 2004/42/CE)	Matt paints for Internal walls and ceilings. EU limited value for MITHOS LUX (cat. A/a): 75 g/L (2007) / 30 g/L (2010). MITHOS LUX contains maximum 30 g/L of VOC.
Surface treatment of the substrate	<p>On new fine rendered mortars: Carefully brush the surface, removing all traces of dust, dirt and non anchored parts. In case of powdery or non solid surfaces, apply a coat of PRYMER ACQ and allow to dry for 24 hours.</p> <p>Painted and partially degraded substrata: Carefully remove all traces of old paints, non anchored parts or efflorescence. In case of moulds , treat the substrate with D.V.B.. Clean thoroughly and remove all traces of dust and dirt: all repair work can be carried out with our STUCCO EXTRA filler and allow to dry. Apply a coat of VIEROQUARTZ thinned 1:1 with water and allow to dry for 24 hours</p> <p>Gypsum boards / Gypsum plasters: Apply a coat of VIEROQUARTZ thinned 1:1 with water onto the whole surface and allow to dry for 24 hours.</p> <p>Concrete wall surfaces: Restore the surface with compatible materials and let it cure. Apply one coat of VIEROQUARTZ thinned 1:1 with water on the whole surface and allow to dry for 24 hours.</p>
Method of application	<p>The product is ready to use. Mix up gently until the product is workable. Spread MITHOS LUX with a steel trowel in several coats on the withered product. Polish the final coat only.</p> <p>In case the substrate is not homogeneous. It could be necessary to wait 24 hours before applying and polishing the final coat.</p>
Practical advises	<p>Store the product in original sealed drums Do not apply on the same facing different lot numbers nor continuations of lot.</p> <ul style="list-style-type: none">• Apply on mineral, homogeneous and absorbent substrates• Complete each single facing without getting a dry edge to the product.• For large surfaces, it will be advisable to plan the joint marks (i.e. at floor levels, down-waterspouts or where technical joints already exist).• Do not apply over surfaces with rising damp.• New plasters must be well seasoned and new repair works must be properly cured.• Clean tools with water after use.• Mithos Lux is a natural product and may therefore contain clots of not hydrated or not enough cooked lime.• The pH value of the product is basic; avoid contact with eyes. Use protective glasses. In case of eye contact , rinse with plenty of water for at least 15 minutes. Should the irritation persist seek medical advice. <p>Environmental and surface conditions: Ambient Temperature: min. +5°C / max. +35°C; Ambient Relative Humidity: < 75% Surface Temperature: min. +5°C / max. +35°C;</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 according to local regulations.

Characteristics and other technical information	Method	Main data at 20°C and 60 % Relative Humidity
Final appearance and finish		Polished
Specific weight g/ml	MPL 007 (UNI 8910)	1,450 ÷ 1,550
Viscosity		Pasty
Consumption rate kg/m ²	MPL 059	0.5 ÷ 0.8 according to the substrate
Flash point °C	MPL 046 (UNI 8909)	Not flammable
Shelf life (in a fresh and dry environment)	MPL 064 (UNI 10154)	At least 12 months
Solid contents % in weight (referred to the neutral base)	MPL 027 (UNI 8906)	61 ÷ 65
Hard dry h	MPL 066	24hrs
Dry to recoat h	MPL 048	After 12 ÷ 24 hours
Exteriors / Interiors		For Interiors
Colours		White, colours with our tinting system
Binder		Lime
Cleaning of tools		Water
Thinner		Water
Trowel Application % Volume	MPL 065	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.

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