

MINERAL 000

Interior/external aerial lime finish plaster

■ **Use**

Mineral 000 lime plaster is a natural and eco-friendly lime plaster for indoor and outdoor use. Mineral 000 lime plaster has been modified and improved using the latest techniques so as to offer excellent aesthetic and adhesive qualities. Mineral 000 lime plaster gives a very fine texture with nuances and warm colors. A variety of finishes can be obtained: applying in one coat, sponge floated for a delicately rustic surface, or in two coats, burnished for a rough stone look or a smooth finish like matt stucco. Mineral 000 lime plaster is suitable for indoor decoration (halls, staircases, living rooms, bedrooms ...) as well as building facades. Mineral 000 lime plaster is particularly recommended for historical buildings, in any town center renovation ventures as well as for an improved aesthetic integration of new buildings into existing environments. Mineral 000 lime plaster is available in white and is colored using compatible natural pigments or dyes.

■ **Composition and features**

Non hydraulic lime, powdered marble, fine sand and vegetable additives. Contains a small quantity of white cement. Made from a selection of non-toxic and biodegradable ingredients that are eco and health friendly. Free from asbestos, formaldehyde and heavy metals

- Applicable indoors and outdoors**.

Outdoors, only the tinted system with powder pigments (mix to be done on site) is possible.

- Mineral mattness. Very fine texture with nuances and warm colors.

- High breathability

- Good resistance to UV

- Natural and eco-friendly lime plaster

- Odourless, solvent-free, compliant with EU Directive on VOC Emission Reduction

- Very good UV resistance (colouring with pigments or pigment pastes)

- Absorbs CO₂ (lime absorbs half its weight in CO₂ during carbonation*)

- Naturally bactericidal and anti-mold

* Application not recommended outdoors for the following shades: PESCADOU / SARTINE / LONGAGNE / AURIGON / SORMIOU / BIMONT / OULVIE / FADA / BARIGOULE / CAFOUCH / MINOT

**Carbonation: lime carbonates by absorbing carbon dioxide (CO₂) from the air. Calcium carbonate (CaCO₃) is formed. This reaction is only possible in the presence of water. We are talking about the lime cycle.

* Can be used outdoors except in the case of ITE (External Thermal Insulation): MARCEL / CAGNARD / GIBASSIER / BANATON / PANISSE / TERRAIO / CAMIN / PISTOU / SAINTE-BAUME / FRIOUL / CALABRUN / CHAVANNE / CANAILLE / SAVORY / PAUL / MALLON / RAVI / ROUSTIDO / CAGOLE

■ Surface Preparation

Indoor and outdoor surfaces should be in conformity with the current standards in force. Surfaces must be homogeneously absorbent, sound, clean, dry, non-friable and deprived of salts, moisture and moulds.

MINERAL 000 lime plaster can be applied directly to natural lime plasters or to lime/cement plasters, preferably a fresco (wet on wet). When used a secco (after drying), dampen the wall with clean water, avoiding streaming before applying MINERAL 000 lime plaster.

Concrete surfaces, cement, dusty lime plasters, gypsum, old compatible paint (peeling paint and semi-gloss or gloss paints must be sanded or removed or primed with a water-based primer) should be fixed beforehand using our SOUS COUCHE POUR CHAUX EXTRA lime primer. Plasterboards and other types of boards must be primed with a water-based primer before applying SOUS COUCHE POUR CHAUX EXTRA lime primer.

For a rapid, economical and attractive finish on difficult or irregular surfaces, mix MINERAL 000 lime plaster with our eco friendly multi-function mortar MULTITOP (proportion 1/1). This will give a lime plaster finish which is both waterproof and highly adherent. For other surfaces, contact us for technical support.

■ Mixture preparation

In an appropriate container, mix 10 litres of water and the required quantity of pigment, (prevent the formation of lumps. If necessary, filter the coloring fluid using a fine sieve). Gradually add the powder from the 30 kg bag of MINERAL 000 lime plaster. Mix thoroughly to obtain a homogeneous and rather solid paste. Adjust the consistency of the paste by adding water where necessary. Leave to rest for 15 minutes and re-mix just before application. This will give a better homogeneity.

MINERAL 000 lime plaster can be prepared in a concrete mixer. Contact us.

Dilute the pigments in water with a little black soap or dishwashing liquid to avoid lumps and limit the risk of "flares" when applying, passing them through a small strainer can be a plus.

Refer to the table of colours and pigment formulae at the end of the technical data sheet.

■ Implementation

Application equipment: stainless steel trowel or trowel, dense sponge trowel. Possible application by projection.

Apply one or two coats of MINERAL 000 according to the desired finish, 2 to 3 mm in total thickness. Recommended up to 5 mm thick per coat.

Float (traditional look with fine grain): apply the coating with a trowel to a thickness of about 1.5 to 2 mm, when the coating begins to pull, even out and bring out the grain with the sponge trowel, moistening the support without runoff.

Crushed ("false stone" appearance, both smooth and rough): on a 1st floated and dry coat.

Moisten if necessary and apply a 2nd coat about 1 to 1.5 mm thick, trowel and before complete drying

crush with the trowel.

Smooth (matt stucco appearance): before the complete drying of a 1st trowel coat, apply a 2nd coat with a trowel to a thickness of approximately 1 to 1.5 mm, when the coating begins to pull, shoe with the of the trowel. For a better stucco appearance, it is recommended to use our MARBREX R lime plaster at least in the 2nd coat. Patina effect possible with our VELATURA glaze.

■ Final drying

24 to 48 hours depending on the absorption of the support and the ambient humidity.

Risks of efflorescence, bleaching, color variations, washouts can affect surfaces that are not completely carbonated in the presence of humidity, condensation, fog. Protect treated surfaces from rain for a few days. To accelerate the carbonation after complete drying of the coating, it is recommended to completely moisten the support with a low-pressure jet from the bottom to the top, avoiding drips with clean fresh water. Repeat this operation several times, respecting the drying time.

■ Protection

HYDRO HO Water repellents, soaps, varnishes, wax. Consult us

■ Yield / packaging / storage

25 kg can produce between 12.5 and 17 m² for 2 to 3 mm thickness, i.e. 1.5 to 2.5 kg / m² of powder coating.

MINERAL 000 is packaged in 25 kg paper bags.

MINERAL 000 can be kept for 1 year in its original closed packaging, protected from frost and humidity. The mixed coating must be used in the hours following its preparation, it can be kept for several hours if it is covered with a trickle of water. However, it is advisable to prepare the product according to the surfaces to be coated.

■ Tips / Tricks

Cleaning tools with water.

Application temperature: from + 5°C to + 30°C.

Each section of wall must be finished during the day. Resumptions must be at natural stops (corners, doors, etc.).

Protect neighboring parts from any splashes, otherwise clean immediately..

■ Recommendations and warnings

Please refer to the latest version of this data sheet (see website). Our customer service and dealers are at your disposal for any further information. Guarantees of good performance and durability can only be given if the complete Mercadier system (primer and finish) is used and if the instructions for use and maintenance recommendations are strictly followed. We cannot be held responsible for any application that does not comply with our information and does not use the complete system. The information, tips and advice on the final use of Mercadier products are provided in good faith. They are based on Mercadier's knowledge and experience to date of its products when properly stored, handled and applied under normal conditions. In practice, the differences between materials, substrates and specific site conditions are such that this information or any written recommendation or advice given does not imply any warranty of merchantability other than the legal warranty against hidden defects. The colours & appearances shown on our colour charts are indicative and cannot be considered as contractual. The same applies to the panels displayed in the shop. Wherever possible, it is preferable to use identical batches. These products have a nuanced final result which can also vary according to the conditions of application (gesture of the applicator, temperature etc.).

■ Health and safety

Refer to the Material Safety Data Sheet (MSDS) of the product



In accordance with the new French regulation which imposes limit values for the level of VOCs (Volatile Organic Compounds) present in construction products, this Mercadier product respects the environment. This regulation imposes that construction and decoration products must be provided with a label indicating in a simple and readable way, their level of emission in volatile pollutants (VOC)

The information contained in this sheet is the expression of our knowledge and test results, they can in no way be considered as providing a guarantee, nor as engaging our responsibility in the event of defective application.

MINERAL 000 25KG

General colour table
(In grams per pigment)

COULEURS	BLANC 0 T	BLEU 94 N	BLEU 98 N	BLEU OUTREMER	JAUNE 100 N	NOIR 100 N	NOIR 80 N	OMBRE 100 N	OXYDE JAUNE	OXYDE MARRON	OXYDE MARRON 10	OXYDE NOIR	OXYDE ORANGE	OXYDE ROUGE	OXYDE ROUGE 5	OXYDE ROUGE 7	OXYDE VERT	TERRE OMBRE VERDATRE	TERRE SIENNE BRULEE	TERRE SIENNE JAUNE	VERT 100 S	
AIDA											83											
ALBA																		83				
ALPHONSE															57	238			29			
ANITA																	83					
ANOUK											333											
ASTRID										83					333							
AUDREY												167										
AURIGON		399															86				124	
AVA										167					167							
BABOUATTE																95			95			
BANASTON									247					95				314				
BARIGOULE		238																				1170
BIBÉMUS																			190			
BIMONT		202					219										456					
BONNE MÈRE		72																170				
BOUCAN		52									38							67			86	
BOUDIOU																			95			
BOUGNETTE									19		14					17						
BOULÉGAN											3				10							
BOUMIAN							234															314
CAFOUCH						114						163					124					779
CAGNARD		26				171			546										40			
CAGOLE															333	95			48			
CALABRUN						618												361				181
CALISSON																					95	
CAMIN									304	95		228	57									
CANAILLE		988																171				
CAROL																			167			
CASSANDRA				83								333										
CHAVANNE		637								90		304						272				
CLEO				83								83										
DÉGUN									9			16	22									
DIANA				83									167									
EDITH												83						167				
ELLA																					83	
ELSA										333												
EN VAU											190											
ESQUIROU									171	152					10							
ESTELLO																						48
FADA			143						131		115							143				
FANNY																	19					
FIFRE											285		29		19							
FLAVIA											167											
FRIOUL		59										90						67				494
GABIAN	24																					
GAMATE									20			9						7				
GANDIN									38			48	76									
GARAGÁI									95			95	114									
GÁRRI									59			84						18				
GIBASSIER										19		10										618
GINA										167												
GRETA													333									
MOUCHA											380											
IRIS				167																		
JACKY																333						

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COULEURS	BLANC 0 T	BLEU 94 N	BLEU 98 N	BLEU OUTREMER	JAUNE 100 N	NOIR 100 N	NOIR 80 N	OMBRE 100 N	OXYDE JAUNE	OXYDE MARRON	OXYDE MARRON 10	OXYDE NOIR	OXYDE ORANGE	OXYDE ROUGE	OXYDE ROUGE 5	OXYDE ROUGE 7	OXYDE VERT	TERRE OMBRE VERDATRE	TERRE SIENNE BRULEE	TERRE SIENNE JAUNE	VERT 100 S	
LAETITIA				167								83										
LANA									167				167									
LANDOLFI									152	48		114	29									
LEA															333	83						
LONGAGNE	264						114														133	322
LUISA										83	167											
MALLON										95					380							
MARA				83												167						
MARCEL										19		10									618	
MARIOLE																380						
MARJOLAINE									124			76						29				
MARTHE										167		83										
MARYLIN									167												83	
MEG												167						83				
MINOT	319																	47				
NADIA												83						83				
NANA				83														83				
NAOMI												83										
OCEANE				83																		
OLI		76							67		57							76				
OULVIÉ	314						152											266			190	
OUSTAO								95				38			10							
PANISSE								380					95					285				
PARPAIOUN																		190				
PASTAGA	70								185												703	
PAUL											390				114	4						
PÉNÉQUET	150				167				73													
PESCADOU	210																	45				
PEUCHÈRE											143				38							
PIEGU											95											
PISTACHÉ									76			29						29	114			
PISTOU					333				257			57						528				
PITCHOUNE									10		14						17					
PRUNE																	83			83		
RAQUEL									333													
RAVI															380	95						
RITA															333							
ROSA																				83		
ROUCAS										10												
ROUSTIDO														665	190					95		
SAINTE BAUME									143		152	181									272	
SALLY										83								167				
SANTOUN										190					190							
SARAH				83								167										
SARRIETTE			570				95											259			278	
SARTINE	319	475				165												62				
SORMIOU	285																	180	130			
STOQUEFICHE								361										73			291	
TERRAIO											428		48		10							
TINA									83												83	
VENUS										83												
VICTORIA				83												83						
VIOLA				333												83						
WANDA																		167				
ZOU	70						53		11												213	