

BADIMAT

Lime whitewash for indoor / outdoor use

■ Use

BADIMAT[®] whitewash is a natural and eco-friendly **lime wash paint** for indoor and outdoor use. **BADIMAT**[®] whitewash has been modified and improved using the latest techniques so as to offer excellent aesthetic and adhesive qualities. **BADIMAT**[®] whitewash is a very decorative finish giving an aged patina appearance with a velvet matt finish and a very lightly brushed texture, typical of the old-fashioned lime washes. **BADIMAT**[®] whitewash is suitable for indoor decoration (halls, staircases, living rooms, bedrooms ...) as well as building facades. **BADIMAT**[®] whitewash 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.

BADIMAT[®] whitewash is available in white and is colored using compatible natural pigments or dyes

■ Composition and features

Lime putty, fine powdered marble and vegetable additives. 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.

- Highly decorative

- Mineral mattitude

- Excellent water vapour permeability

- Non-film-forming

- 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

- Easy to apply

* Application not recommended outdoors for the following shades: PESCADOU / SARTINE / LONGAGNE / AURIGON / SORMIOU / BIMONT / OULIVIE / 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

■ Tools required

Whitewash brush/ trowel (in the case of railway or smoothed lime)
Cleaning of tools with water after use

■ 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

Outdoor surface ** (Shade system with powder pigment only)

Lime-based supports (aerial or hydraulic) "Bastard" coatings (mixed lime cement)	Moisten the support with clear water (without runoff)
Support based on hydraulic binders (cement), fiber cement, or very absorbent even slightly dusty lime plasters	Apply "Undercoat for whitewash" 24 hours before

Interior surface

Lime-based supports (aerial or hydraulic) "Bastard" coatings (mixed lime cement)	Moisten the support with clear water (without runoff)
Support based on hydraulic binders (cement), fibrocement, or lime-coated very absorbent or slightly dusty. Plasters or smoothing coatings Old paints (after washing and sanding)	Apply our "Undercoat for lime" 24 hours before
New supports type cardboard plaster plates, plaster tiles Non-homogeneous supports (walls painted with coatings for example, presence of strips, glue etc.)	Used primer before painting 24h drying then apply our "Undercoat for lime" 24h before applying the Brush to avoid the appearance of spectra.

Other media or funds: contact us

■ Mixture preparation

BADIMAT[®] whitewash paint must be diluted with clear water before being applied, depending on the tinting system, the tints, the porosity of the substrate and the heat.

- Pre-tinted system: add 10 to 30% water. (indoor only)
- Dye system with powder pigment: add 20 to 30% water. (outdoor / indoor* *)

If using powdered pigments, 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.

Regardless of the colouring system, the BADIMAT[®] whitewash must “spin” under the brush once diluted. Its texture must therefore be relatively fluid but not too liquid.

Always mix before application, then stir regularly during implementation

■ Implementation

Apply and store at a temperature of +10°C to +30°C (50°F or 85°F)

- The BADIMAT[®] whitewash is applied in at least 2 layers with a Lime brush brush (do not use a roller)
- Apply a first layer of BADIMAT[®] whitewash:
 - Top-down for a vertical, sober and elegant effect
 - Or by cross movements in the shape of “8” (butterfly effect) for a more traditional, nuanced and contrasting effect. It is imperative to make complete wall sections in order to avoid re-coverings.

Make the fittings in fresh to avoid both traces of repeats and over-thickness.

- Allow the first layer to dry completely (+ or – 24h depending on temperature and humidity)
- Then wet the first layer before performing the 2nd
- Apply the second layer in the same way as the 1st layer.

The stains of the BADIMAT whitewash are naturally patinated with application and with time. To obtain a more nuanced effect, it is possible to superimpose different colors or shades of BADIMAT[®] whitewash or by further diluting the layers to obtain more transparency.

■ Final drying

The BADIMAT[®] whitewash will be dry between 24 and 72h depending on the temperature and humidity

Risks of efflorescence, bleaching, color variations, devastation can affect surfaces not completely carbonated in case of presence of moisture, condensation, fog.

Outdoors, protect treated surfaces from rain for a few days.

However, it is possible to accelerate carbonation.

To do this, wet the facades or walls with a jet of water at low pressure from the bottom upwards, avoiding drips, with clean fresh water. Repeat this operation several times, allowing time for drying between operations.

■ Protection

The BADIMAT[®] whitewash must be dry before applying any protection.

It is possible to protect the whitewash (which remains porous like a very matt paint) with a water repellent, Hydro Ho in our range.

This protection is recommended in areas where there is a lot of traffic or where there are traces of water (e.g. bathrooms).

It is strongly recommended for exterior use to limit the risk of dripping.

Beware: the application of Hydro HO or other water repellent modifies the intensity of the colour. It is slightly darker.

It is also possible to reinforce the protection by applying, after the Hydro HO water repellent, the "Solid Wax" or the "Water Wax" from our range

■ Yield / packaging / storage

1 kg of BADIMAT lime whitewash can be used to produce between 4 and 5 m² in 2 coats, i.e. approximately 200 to 250g/m².

BADIMAT whitewash is packaged in recyclable plastic buckets of 1kg (only white), 5kg and 20kg.

BADIMAT lime whitewash can be stored for 1 year in its original closed packaging, protected from frost and high temperatures. However, as it is based on air lime, if the lime whitewash is protected from the air by a trickle of clean fresh water, it can be kept for much longer.

BADIMAT Limewash can be stored for 6 months when tinted with pigments and pigment pastes

■ Tips / Tricks

Do not apply to hot surfaces or surfaces exposed to direct sunlight, wind or rain.

Each wall section must be finished within one day. Rework should be carried out at natural stops (corners, doors, etc.).

Protect adjacent areas from splashes or clean up immediately.

■ Technical data

Density : 1.440 ±20 g/l

Nature of the binder : Fat lime from pebbles in paste (air lime)

% of total binder: approx. 40

Water vapour diffusion coefficient: >50 g/m²/H

Water impermeability coefficient: <200g/m²/H

UV exposure: Resistant

Flammability: Non-flammable, Class MO

Classification 2004/42/EC: VOC limit value (cat. A/l) 200g/l (2010). This product, ready for use, contains a maximum of 15 g/l VOC.

■ 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.

BADIMAT 5KG

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											50											
ALBA																		50				
ALPHONSE															30	125			15			
ANITA																	50					
ANOUC											200											
ASTRID										50					200							
AUDREY												100										
AURIGON		210															45				65	
AVA										100					100							
BABOUATTE																50			50			
BANASTON									130				50					165				
BARIGOULE		125																			616	
BIBÉMUS																		100				
BIMONT		107					115											240				
BONNE MÈRE		38																90				
BOUCAN		28									20							35			45	
BOUDIOU																			50			
BOUGNETTE									10		8					9						
BOULÉGAN											2				5							
BOUMIAN							123														165	
CAFOUCH						60						86					65				410	
CAGNARD		14				90		288											21			
CAGOLE															175	50			25			
CALABRUN						325												190				95
CALISSON																					50	
CAMIN									160	50	120	30										
CANAILLE		520															90					
CAROL																		100				
CASSANDRA				50								200										
CHAVANNE		335								48	160						143					
CLEO				50								50										
DÉGUN									5			9	12									
DIANA				50									100									
EDITH												50					100					
ELLA																					50	
ELSA										200												
EN VAU											100											
ESQUIROU									90	80						5						
ESTELLO																					25	
FADA			75						69	61								75				
FANNY																10						
FIFRE										150		15		10								
FLAVIA										100												
FRIOUL		31										48					35				260	
GABIAN		13																				
GAMATE									11			5						4				
GANDIN									20		25	40										
GARAGÁI									50		50	60										
GÁRRI									31		44						10					
GIBASSIER										10	5										325	
GINA										100												
GRETA													200									
IMOUCHA										200												
IRIS				100																		
JACKY																200						

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(In grams per pigment)

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LAETITIA				100								50										
LANA									100				100									
LANDOLFI									80	25	60	15										
LEA															200	50						
LONGAGNE	139						60														70	170
LUISA										50	100											
MALLON										50					200							
MARA				50												100						
MARCEL										10	5										325	
MARIOLE																200						
MARJOLAINE									65		40						15					
MARTHE										100	50											
MARYLIN									100												50	
MEG												100						50				
MINOT	168																	25				
NADIA												50						50				
NANA				50														50				
NAOMI												50										
OCEANE				50																		
OLI		40							35	30								40				
OULVIÉ	165						80											140			100	
OUSTAO									50		20					5						
PANISSE									200			50							150			
PARPAIOUN																		100				
PASTAGA	37								98												370	
PAUL											205				60	2						
PÉNÉQUET	79				88				39													
PESCADOU	111																	24				
PEUCHÈRE											75				20							
PIEGU											50											
PISTACHÉ									40			15						15	60			
PISTOU					175				135		30							278				
PITCHOUNE									5	8						9						
PRUNE																50				50		
RAQUEL									200													
RAVI															200	50						
RITA															200							
ROSA																				50		
ROUCAS											5											
ROUSTIDO															350	100				50		
SAINTE BAUME									75	80	95										143	
SALLY										50									100			
SANTOUN										100					100							
SARAH				50								100										
SARRIETTE			300				50											137			147	
SARTINE	168	250				87														33		
SORMIOU	150																	95	69			
STOQUEFICHE								190										38			153	
TERRAIO											225		25		5							
TINA									50												50	
VENUS										50												
VICTORIA				50												50						
VIOLA				200												50						
WANDA																					100	
ZOU	37						28	6														112

BADIMAT 20KG

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											200											
ALBA																		200				
ALPHONSE														120	500				60			
ANITA																	200					
ANOUK											800											
ASTRID										200					800							
AUDREY												400										
AURIGON		840															180				260	
AVA										400					400							
BABOUATTE																200			200			
BANASTON									520				200									
BARIGOULE		500																				2464
BIBÉMUS																			400			
BIMONT		426					460											960				
BONNE MÈRE		152																	358			
BOUCAN		110									80							140			180	
BOUDIOU																			200			
BOUGNETTE								40			30					36						
BOULÉGAN											6				20							
BOUMIAN							492															660
CAFOUCH						240						344					260					1640
CAGNARD		54				360		1150											84			
CAGOLE														700	200					100		
CALABRUN						1300													760			380
CALISSON																					200	
CAMIN								640	200	480	120											
CANAILLE		2080															360					
CAROL																		400				
CASSANDRA				200								800										
CHAVANNE		1340								190	640						572					
CLEO				200								200										
DÉGUN								18			34	46										
DIANA				200									400									
EDITH												200					400					
ELLA																					200	
ELSA										800												
EN VAU											400											
ESQUIROU								360	320							20						
ESTELLO																						100
FADA			300						276		242							300				
FANNY																	40					
FIFRE											600	60		40								
FLAVIA											400											
FRIOUL		124										190						140				1040
GABIAN	50																					
GAMATE								42				18						14				
GANDIN								80				100	160									
GARAGAÏ								200				200	240									
GÀRRI									124			176						38				
GIBASSIER										40		20										1300
GINA										400												
GRETA													800									
IMOUCHA											800											
IRIS				400																		
JACKY																	800					

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LAETITIA				400								200										
LANA									400				400									
LANDOLFI									320	100		240	60									
LEA															800	200						
LONGAGNE		556					240													280		678
LUISA										200	400											
MALLON										200					800							
MARA				200													400					
MARCEL										40		20									1300	
MARIOLE																800						
MARJOLAINE									260			160					60					
MARTHE										400		200										
MARYLIN									400											200		
MEG												400					200					
MINOT		672															98					
NADIA												200					200					
NANA				200													200					
NAOMI												200										
OCEANE				200																		
OLI			160						140		120						160					
OULIVIÉ		660					320										560			400		
OUSTAO									200			80				20						
PANISSE									800				200					600				
PARPAIOUN																	400					
PASTAGA		148							390												1480	
PAUL											820				240	8						
PÉNÉQUET		316			352				154													
PESCADOU		442																94				
PEUCHÈRE											300				80							
PIEGU											200											
PISTACHIE									160			60					60	240				
PISTOU					700				540			120					1112					
PITCHOUNE									20		30					36						
PRUNE																200			200			
RAQUEL									800													
RAVI															800	200						
RITA															800							
ROSA																			200			
ROUCAS										20												
ROUSTIDO														1400	400				200			
SAINTE BAUME									300		320	380									573	
SALLY										200								400				
SANTOUN										400					400							
SARAH				200								400										
SARRIETTE			1200				200										546			586		
SARTINE		672	1000			348											130					
SORMIOU		600															378	274				
STOQUEFICHE								760									153				612	
TERRAIO											900		100		20							
TINA									200											200		
VENUS										200												
VICTORIA				200													200					
VIOLA				800													200					
WANDA																	400					
ZOU		148					112	24									448					