

Malta Latex



Elasticizing latex for cement-based mortars and bonding slurries.



Fields of application:

- for improving the mechanical performance of concrete, screeds, renders, smoothing plasters and cement-based mortars in general;
- for preparing anchoring slurries for adhering screeds and cast joints;
- as anchoring coat for self-levelling products and smoothing plasters on difficult substrates;
- as additive to the mortars for preparing high resistance screeds;

- for a long durability of cement-based mortars subject to weather agents and strong abrasion;
- for regularizing the water retention of cement-based mortars;
- professional use only.

Characteristics:

Malta Latex is made of a special elastomer in water dispersion, able to withstand the very strong alkaline attack of cement-based mixtures. The addition of **Malta Latex** improves adhesion and reduces the elastic modulus of all obtained mixtures. This product is indicated for indoor and outdoor civil, commercial and industrial applications.

Malta Latex must be diluted in water in a ratio as reported in the Technical Data Sheet. To prepare a slurry mix 1 kg of **Malta Latex**, 1 liter of water, 2,5 kg of cement. Add **Malta Latex** to the mortar / smoothing in a ratio between 10% and 40% based on the weight of the cement.

Preparation:

the base must be sound, have no parts coming away, and be completely free of dust, oil and paint. Before application, soak the base with plenty of water and then remove the excess water.

Quality and Environmental Standards:

Malta Latex undergoes constant, careful testing at our laboratories, in compliance with the legislation in force-UNI EN ISO 9001/2015.

Consumption Table	Adhesion Primer	Smoothing Coat Max. Thickn. 10 mm	Screeds Max. Thickn. 35 mm	Screeds Max. Over 35 mm
Malta Latex: Water	1:1	1:1	1:3	1:4
Ratio Cement Weight: aggregates	BASECEM only	1:3	350-390 kg/m ³ of aggregates	300 kg/m ³ of aggregates
Malta Latex Consumption	0.200-0.300 kg/m ²	0.200-0.300 kg/m ²	0.050 kg/m ² every mm/thickness	0.030 kg/m ² every mm/thickness

Characteristics	Application methods	Consumption
Increases adhesion Increases flexibility Increases water-repellency Improves mechanical and chemical resistance For indoor and outdoor application	Spatula Straight edge	See table above
		Storage Shelf life of 12 months in the original packages and in a fresh, dry place

Code	Product	Form and color	Packages	Pallet
303301	Malta Latex	White liquid	1 kg x 10 pcs	240 kg
303205	Malta Latex	White liquid	5 kg	450 kg
303110	Malta Latex	White liquid	10 kg	600 kg

Warning:

- do not use as an adhesion promoter without mixing with cement or, if required, Basecem;
- when mixing, do not use more than specified - always follow the recommended amounts;
- do not apply in temperatures below +5°C or above +35°C;
- do not use a high speed when mixing the blend + **Malta Latex** as too much air may be incorporated into the mixture;
- after application, especially on hot or windy days, provide suitable protection for the mortar enhanced with **Malta Latex** to ensure the water does not evaporate too quickly.

Technical and application specifications

Hazard classification as per Directive 99/45/EC:	none
Mixture pH:	approx. 10
Specific weight of mixture:	1.70 g/cm³
Application temperature:	from +5°C to +35°C
Flammability:	no

FINAL PERFORMANCE SPECIFICATIONS

Resistance to damp and ageing:	excellent
Resistance to acid and alkalis:	fair
Harmonised customs code:	40021100

Measurement of data at 23°C/50% Residual Humidity and no ventilation. The data may be considerably modified by the conditions of use.

