

Masonry mortar

MAPE-ANTIQUE AND MAPEWALL

Two dedicated products.
A range of colours to choose from.



Historical buildings



TUFF

New buildings

CREAM

IVORY

GREY

DOVE GREY

BRICK-COLOURED

PINK



Due to the printing processes involved, the colours should be taken as merely indicative

Historical buildings

Mape-Antique Allettamento

Salt-resistant masonry mortar made from natural hydraulic lime and Eco-Pozzolan for laying and pointing “exposed” masonry



AREAS OF USE

- ✓ Building new walls and restoring old walls, including those of historical interest covered by National Trust protection orders.
- ✓ Pointing “exposed” stone, brick and tuff masonry.
- ✓ Installation joints, including joints “reinforced” with rebar or composite (such as **MAPEROD**).
- ✓ Building facing walls using masonry mortar with guaranteed performance characteristics.
- ✓ Patching and plumbing facing walls with gaps and/or uneven surfaces.



TECHNICAL DATA

Maximum size of aggregate	1.5 mm (EN 1015-1)
Bulk density of fresh mortar	1,950 kg/m ³ (EN 1015-6)
Minimum applicable thickness	5 mm
Maximum applicable thickness per layer	30 mm
Consistency of mix	Thixotropic
Porosity of wet mix	6% (EN 1015-7)
Compressive strength (after 28 days)	Class M 5 (EN 1015-11)
Adhesion to substrate	≥ 0.5 N/mm ² Failure mode (FP) = B
Initial shear strength (f _{vk})	0.15 N/mm ² (EN 1052-3)
Chloride content	< 0.05% (EN 1015-17)
Capillary action water absorption	< 0.3 [kg/(m ² •min ^{0.5})] (EN 1015-18)
Coefficient of permeability to water vapour	15/35 (EN 1015-19)
Thermal conductivity (λ _{10,dry})	0.77 W/m•K (EN 1745)
Reaction to fire	Class A1
Resistance to sulphates	< 0.02% (ASTM C 1012 mod.)
Saline efflorescence (after semi-immersion in water)	Absent
Consumption	1.65 kg/dm ³ (of cavities to be filled)



New buildings

MapeWall Muratura Fine

High strength, breathable, natural hydraulic lime-based masonry mortar with very low emission of VOC for general building work, “reinforced” masonry and touching-up and plumbing walls



AREAS OF USE

- ✓ Building new load-bearing and buffer walls and rebuilding existing walls, including walls in listed buildings.
- ✓ Pointing “exposed” stone, brick and tuff masonry.
- ✓ Installation joints, including joints “reinforced” with rebar or composite (such as **MAPEROD**).
- ✓ Building facing walls with high performance masonry mortar in compliance with standards applied in seismic zones.
- ✓ Patching and plumbing facing walls with gaps and/or uneven surfaces.



TECHNICAL DATA

Maximum size of aggregate	1.5 mm (EN 1015-1)
Bulk density of fresh mortar	1,900 kg/m³ (EN 1015-6)
Minimum applicable thickness	5 mm
Maximum applicable thickness per layer	30 mm
Compressive strength (after 28 days)	Class M 10 (EN 1015-11)
Adhesion to substrate (brickwork)	≥ 0.4 N/mm² Failure mode (FP) = B
Initial shear strength (f_{vok})	0.15 N/mm²
Capillary action water absorption	< 0.5 [kg/(m²•min^{0.5})] Category W 2 (EN 1015-18)
Coefficient of permeability to water vapour	15/35 (EN 1015-19)
Thermal conductivity ($\lambda_{10,dry}$)	0.75 W/m•K (P=50%) (EN 1745)
Reaction to fire	Class A1
Consumption	1.65 kg/dm³ (of cavities to be filled)





● Technical documentation

From the technical area menu you can view the technical documentation divided per product lines and type of document.

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