

PLASTERS AND FINISHES



AVAILABLE IN 20 KG PAILS - COVERAGE PER PAIL: 1.5 m² AT 1 cm THICKNESS

DESCRIPTION

Bio Beton® 500 Venezia is a natural, highly breathable thermal plaster composed solely of Canapulo Fine, Natural Dolomitic Binder and Symbiotic Microorganisms. The total absence of hydraulic binders and mineral aggregates, together with the high cellulose content, maximise the breathability of the masonry and make Bio Beton® 500 Venezia the ideal solution for the restoration of masonry even in the presence of rising damp and salt efflorescence. Highly energy-efficient, it is an excellent humidity regulator on new and existing walls, guarantees maximum healthiness and significantly improves the living comfort of interiors.

APPLICATIONS AND USE

Ready-to-use product, to be applied manually. Before application, remove any deteriorated existing plaster and make sure the substrate is free of friable parts. Apply a first coat of Bio Beton® 500 Venezia as a rough coat (rinzafo) on the masonry and then apply in several coats up to the desired thickness, straighten with a screed and float. Bio Beton® 500 Venezia may be finished leaving the Canapulo Fine exposed (textured finish), or coated with Stabilitura Naturale Traspirante or with a skim of lime putty and sand.

Thickness - cm	3	5
Density - kg/m ³ dry	500	500
Thermal conductivity - W/mK	0.12	0.12
Thermal transmittance - W/m ² K U	2.38	1.70
Water-vapour diffusion resistance - μ	4.5	4.5
Specific heat - J/kgK	1330	1330
Flexural strength - N/mm ²	0.8	0.8
Compressive strength - N/mm ²	1.4	1.4
Adhesion to substrate - N/mm ²	0.02	0.02
Reaction to fire	B-s1-d0	B-s1-d0

NOTES

The TecnoCanapa technical office is available to provide support before, during and after the works.