

RENDERS AND FINISHES



BIO BETON®
500 VENEZIA



AVAILABLE IN **20KG BUCKETS** - YIELD PER BUCKET: **1.5 SQM FOR 1 CM OF THICKNESS**

DESCRIPTION

Bio Beton® 500 Venezia is a natural and highly breathable thermal plaster composed solely of **Canapulo Fine, Legante Dolomitico Naturale** and Symbiotic Microorganisms. The total absence of hydraulic binders and mineral aggregates in addition to the high cellulose component maximises the breathability of the masonry and makes **Bio Beton® 500 Venezia** the ideal solution for restoring masonry even in presence of rising damp and efflorescence of salts. With high energy efficiency, it is an excellent humidity regulator on new and existing walls, guarantees maximum healthiness and significantly improves the comfort of the living spaces.

APPLICATIONS

Ready-to-use product to be applied manually. Before application, remove the existing damaged plaster and make sure that the substrate is free of friable parts. Apply a first coat of **Bio Beton® 500 Venezia** as a rough coat on the masonry and then apply several coats to reach the desired thickness, smooth and trowel. **Bio Beton® 500 Venezia** can be finished by leaving the fine hemp shiv exposed (material finish) or coated with 'Natural Breathable setting coat' or a skim coat of lime and sand.

Thickness - cm	3	5
Density - Kg/m ³ dry	500	500
Thermal conductivity - W/mK	0,12	0,12
K Thermal Transmittance - W/m ² K	2,38	1,70
Vapour permeability - μ	4,5	4,5
Specific heat capacity - J/kgK	1330	1330
Thermal Offset (according to ISO 13786)	0h 30'	1h 30'
Bending strength - N/mm ²	0,8	0,8
Compressive strength - N/mm ²	1,4	1,4
Adhesive strength to the substrate - N/mm ²	0,02	0,02

NOTE

The TecnoCanapa technical office is available for any support before, during and after the construction phase.