

BULK PRODUCTS TO BE MIXED

NATURAL DOLOMITIC BINDER

**LEGANTE
DOLOMITICO
NATURALE**



AVAILABLE IN BAGS OF 25 KG

DESCRIPTION

Legante Dolomitico Naturale is a natural aerial binder without chemical or cement additives, designed for the on-site preparation of hemp biocomposites belonging to the **Bio Beton®** line by Senini, suitable for the restoration of historic buildings, renovations, new constructions and for the emerging needs of Neo-building to construct NZEBs (Nearly Zero Energy Buildings)

APPLICATIONS

Used in new constructions, renovations and architectural restoration as a binder for the production of hemp and lime biocomposites such as **Bio Beton®** (masonry infill, insulating walls, roof insulation, attic and subfloor systems), **Malta Pronto (Biomattone® masonry)**, and for base and finish coating systems.

USE

Legante Dolomitico Naturale is mixed with hemp shiv following specific ratios, thus creating ideal biocomposites for plasters, insulating walls, external insulation and substrates. **Legante Dolomitico Naturale** stabilises the hemp, which in turn, thanks to its silica component (about 5%), hydraulifies the high content of aerial lime. Mixing both elements protects the biocomposite from fire, decomposition, or attack by rodents and insects. The hemp enhances all the characteristics of natural lime by increasing its porosity, breathability, permeability to water vapour and ability to manage humidity in living spaces. Hemp shiv also adds workability and structural body, allowing to coat vertical walls with a single application of thermal plaster, for a thickness of 1 to 45 cm.

TECHNICAL DATA - 'LEGANTE DOLOMITICO NATURALE'			
Density	400-550 Kg/m ³	Residue of a 0.09 mm	≤ 7%
Physical state and colour	White dust	Residue of a 0.02 mm	≤ 2%
Humidity	< 2,5%	Content SO ₃	≤ 0,8%

PHYSICAL CHARACTERISTICS

- Physical state: solid in fine powder;
- White colour;
- Odor: none;

METHOD OF SUPPLY

- Loose in tanker with pneumatic unloading
- Packaged in 25 kg bags
- Storage must take place in a dry place.
We recommend the use within 8 weeks.

WARNINGS

Do not apply in conditions of strong solar radiation or if exposed to the action of the wind. In any case, carry out the work at ambient temperatures between 5 ° C and 35 ° C. Protect from fast drying and frost. 'Legante Dolomitico Naturale' has a very high content of aerial lime, it is recommended to use personal protective equipment and, in case of contact with the eyes, consult a doctor immediately. Don't rub. Wash immediately abundantly and for a long time with drinking water (possibly sugared) or with specific eye washes. Go to the emergency room as soon as possible. If in contact with the skin, wash the affected area with plenty of water and soap. If inhaled, irrigate the nose and rinse the throat with drinking water. Product intended for professional use. Adequately protect the parts for which the product is not intended. The operator must be equipped with the provisions of current safety regulations. We decline all responsibility for damage that may result from improper use of the product. Unused material and packaging must be disposed of as waste.

NOTE

The company reserves the right to modify the above information over time, while maintaining the characteristics of the product