



Tradical®

Building lime innovation



Hemp Lime Technology

For centuries hemp has been considered as a primary crop used in weaving cloth, making ropes, providing lighting oil and in construction.

The current resurgence of interest in hemp products is because of its excellent mechanical, insulating and environmental qualities.

The “Hemp shives” (cellulose fibres) used in construction are extracted mechanically from hemp, then the product is sized and dedusted before packaging.

Mixed with specifically designed binders (Tradical® HB), it gives mortars, renders, screeds and light Hemcrete of high quality.

Properties:

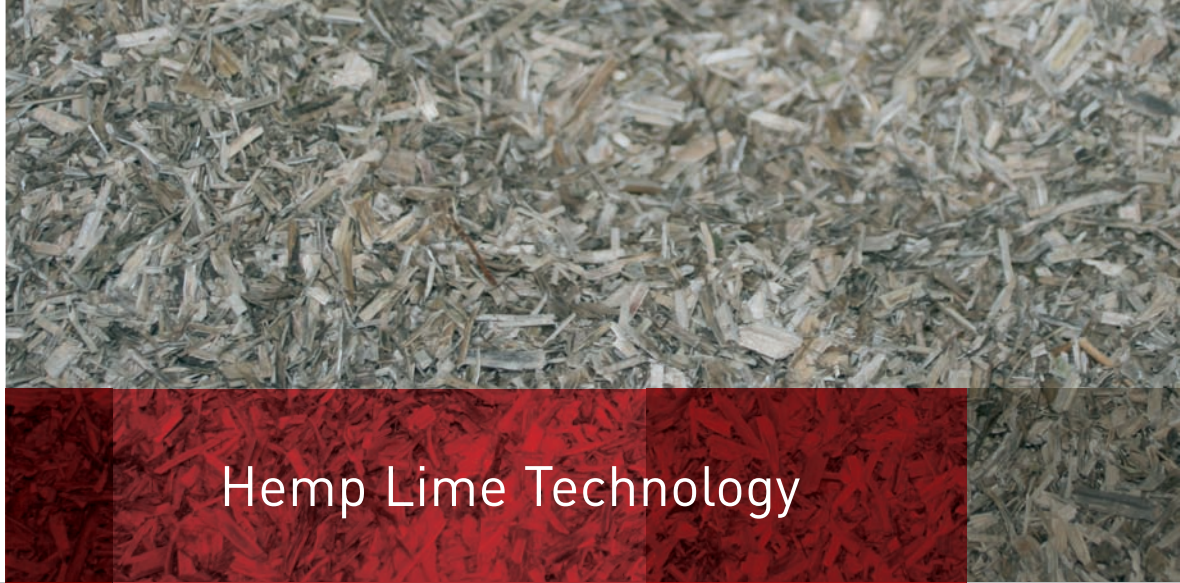
- > low density
- > high thermal insulation
- > high sound insulation
- > high thermal inertia
- > vapour permeability, the construction “breathes”
- > high elasticity
- > fire and pest resistance.

Performance

- > The characteristics of the hemp aggregates (size distribution, humidity...) have a direct impact on the performance of the hemp lime products and Hemcretes.
- > Only the use of Tradical® HF mixed with the specific Tradical® HB or Tradical® special hemp binders guarantees quality results.



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Hemp Lime Technology

The products

Tradical® HF
20kg bag
(approximately 200L)

Hemp aggregates, vegetable, natural, sound and “breathing” product. Made from the hemp plant which is a yearly harvested plant cultivated in the UK without agrochemicals. It’s an easily renewable primary material. The industrial process is mechanical and it requires little energy and no toxic products of any kind.

Tradical® HB
22kg bag

Special binder based on the purest hydrated air lime with selected :

- > hydraulic additions
- > pozzolanic components
- > mineral materials.

These provide the perfect particle size distribution and setting characteristics to create the correct binder for use with Hemp shives.



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