



**Heidelberg
Materials**

Isoliant Eco

Lime for HEMPCRETE Socli without cement

This natural hydraulic lime-based binder, is specially formulated cement-free for hempcrete applications, providing exceptional performance and durability suitable for modern and traditional construction projects.

Properties

- **Breathability:** Promotes healthy indoor air quality by regulating humidity and preventing mold growth.
- **Thermal Insulation:** Excellent thermal performance for energy-efficient buildings.
- **New Construction and Renovations**
- **Heritage Restoration** – Perfect for historic buildings requiring breathable and compatible materials.
- **Eco-Responsible Projects** – Supports sustainable building practices.

Conditioning

22.5kg bag – 56 bags per pallet

Related products

UNILIS : Single-layer hemp covering plaster
NATURLYS : Interior plaster based on hempseed
Lime & Sand Socli Plasters

Shelf life

12 months from date of manufacture



22,5kg

la
Chaux
Socli



Matière & Sens

Avantages

- **Reduced water consumption**
- **Improved insulation**
- **Highlighting the natural colour of hemp**
- **Regulates humidity**
- **Offers excellent comfort in summer.**
- **Ensures good indoor air quality.**
- **Has excellent fire resistance.**



Izaourt (65)

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Area of use

- Vertical walls (walls, partitions and linings) made of hempcrete (compliant with the 2024 professional rules)
- To be used with certified hempseed (e.g. CHANVRILYS® or "Chanvre Bâtiment" label)

Preparation of the Mixture:

- Before any implementation, check that you have all the PPE (mask, gloves, glasses, etc.)
- Manual: Mix water and ISOLIANT for 3–5 min, add the hemp, then apply within 30 min.
- Machine: See SOCLI recommendations for specific settings.

Dosage and technical characteristics

Mechanical application				
WALL	2 sacs 		18 kg 	 40 L Eau

In the case of manual application, we recommend the use of **3 bags**  for **1 ball** of **Chanvryls**

Thermal resistance and phase shift				
Epaisseur	15 cm	25 cm	35 cm	45 cm
R in m2. K/W	2,05	3,42	4,79	6,16
Phase shift in hours	8,6	14,3	20,0	25,7

Technical Specifications		
Density	λ of concrete in W.m-1.K-1	MPA resistance
350 à 450	0,073	>0,2

FIRE RESISTANCE of a non-load-bearing hempcrete wall with a wooden frame:
Tests Classification Report n° 020008B - CERIB

Also to be discovered in the La Chaux SOCLI bio-based offer:



*Lime and cement-based
binder for hempcrete*



*Lightweight ready-to-use
interior plaster with
visible hemp.*



*Single-layer Render with
natural hydraulic lime to
cover hempcrete.*