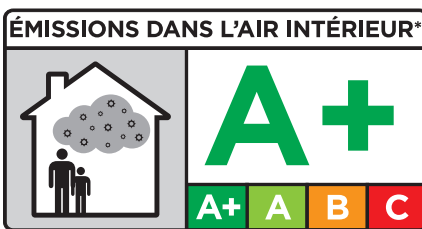


Chanvribat®

Hemp for Tradical® Hempcretes and Tradical® Hygrothermal Render

Characteristics of Chanvribat®
Hemp content: 100%
Mass density: 110 kg/m ³ Particle size distribution: constant
Dust level < 4%
Moisture content of straw before processing < 19%
Colour < beige

Certificate of Air Quality for Chanvribat®
A+ certification, Eurofins no. G15614



*Data on volatile substances present in the indoor air with a risk of toxicity by inhalation rated on a scale from A+ (very low emissions) to C (high emissions).

The Chanvribat® range includes:

- Tradical® Hempcretes**
- Tradical® PF 70
 - Tradical® PF 80 M
 - Chanvribat®
 - Tradical® Premium

Definition

Chanvribat® is used to make hygrothermal renders and insulating concretes using Tradical® PF 80 M and Tradical® PF 70 binders, with binder+hemp aggregate blends that comply with the French Professional Rules for the Construction of Hempcrete Structures. The mix proportions are prepared in line with the Tradical® Hempcretes brochure, according to the type of structure used.

Identification

Chanvribat® construction hemp aggregate is a plant-based material made from raw hurds*, which – once verified as complying with strict specifications – can be used in the building sector as insulation and construction material.

() Hurds: Fragments from the hemp plant's stems and stalk after the fibres have been removed*

Areas of use

Chanvribat® is designed for producing Tradical® hempcretes: insulating walls, insulating lining, insulating roofs, insulating screeds and hygrothermal renders, as well as brand-new constructions or renovations of all kinds: detached houses, residential buildings, public buildings, and more.

→ PREPARING THE SUBSTRATES AND STRUCTURES

In accordance with the specifications of the French Professional Rules for the Construction of Hempcrete Structures, French Building Code (NF DTU) relevant to the type of structure concerned, and the Tradical® Hempcretes brochure

Insulating walls

- CHANVRIBAT® + TRADICAL® PF 70 light concrete allows you to fill and insulate timber-framed walls. It is used to completely coat the timber structure or leave one side exposed. It is especially suitable for renovating half-timbered houses instead of using cob. Its high permeability to water vapour continuously regulates the humidity of the timber elements.

Insulating lining

- CHANVRIBAT® + TRADICAL® PF 70 light concrete allows you to form insulating lining for partition and interior wall masonry, whether old or new, even for heterogeneous and mineral-based material – combining inertia, comfort in summer and winter, moisture control and thermal performance.

Insulating floors

- CHANVRIBAT® + TRADICAL® PF 70 light concrete allows you to form insulating material with a very low mass density for all types of floor.

Insulating roofs

- CHANVRIBAT® + TRADICAL® PF 70 light concrete allows you to form thermal insulation with a high degree of inertia. It guarantees durability by preventing any risk of the insulating material settling and any risk of damage by pests.

Hygrothermal renders

- CHANVRIBAT® + TRADICAL® PF 80 M mortar allows you to prepare renders with insulating properties, for indoor and outdoor purposes, on all kinds of mineral substrates.

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Hemp for Tradical® Hempcretes and Tradical® Hygrothermal Render


→ APPLICATION

In accordance with the procedures described in the Tradical® Hempcretes brochure and in line with the French Professional Rules

Usage

"Granulat Chanvre Bâtiment" label

Chanvribat® is especially suited for building works and has been certified as a "building hemp"



Binder+aggregate blends approved by the Construire en Chanvre association

The CenC association has approved Chanvribat®+Tradical® PF 70 and Chanvribat®+Tradical® PF 80 M blends as meeting the threshold performances measured in certified external laboratories, as required by the French Professional Rules.

The Chanvribat® range includes:

Tradical® Hempcretes

- Tradical® PF 70
- Tradical® PF 80 M
- Chanvribat®
- Tradical® Premium

Application	No. of bags of Tradical® PF 70	No. of bags of Chanvribat®	Concrete mixed at	Mass density
Wall and lining (between shuttering panels or between shuttering panel and wall)	2	1	220 kg/m ³	330 kg/m ³
Lining (trowel application)	3	1	330 kg/m ³	440 kg/m ³
Floor	2.5	1	275 kg/m ³	385 kg/m ³
Roof	1	1	110 kg/m ³	220 kg/m ³
Application	No. of bags of Tradical® PF 80 M	No. of bags of Chanvribat®	Concrete mixed at	Mass density
Render	5.5	1	825 kg/m ³	935 kg/m ³

IMPORTANT

Finish for insulating walls

§1 EXTERIOR: Protect the structure by applying three coats of a traditional Tradical® lime render (base coat and brown coat using Tradical® PF 70 + sand, finishing render with Tradical® PF 80 or PF 80 M + sand)

§2 INTERIOR: Protect the structure by applying:

- Three coats of a traditional Tradical® lime render (base coat and brown coat using Tradical® PF 70 + sand, finishing render with Tradical® PF 80 or PF 80 M + sand)
- A Tradical® hemp render (Tradical® PF 80 M + Chanvribat®)
- A Tradical® Décor render

Finish for insulating linings: See §2

Finish for insulating floors

Perform only once the insulating screed has completely dried and in accordance with the French Professional Rules

Do not apply any coating that is impermeable to water vapour under the insulating screed with Tradical® Hempcrete

Atmospheric conditions

Apply at a temperature of between +5 °C and +30 °C.

→ GENERAL INFORMATION

Qualifications

Only qualified persons with sound knowledge of hempcretes or persons who have passed the BETONS DE CHANVRE module in the BCB training programme may use Chanvribat®.

See also

- Tradical® brochures and technical data sheets
- French Professional Rules for the Construction of Hempcrete Structures
- Specifications
- Relevant French Building Code (NF DTU)

Packaging and storage

Chanvribat® comes in a 20 kg bag and can be stored for 1 year away from moisture.

Testing

According to the Chanvre Bâtiment label.

Guarantee

Within the scope of the company's civil liability insurance.

Manufacturer's civil liability, SMABTP contract: ALPHA-BAT Fabricants no. 512806 E 1004.000