

BU/TEX**ISOVEGETAL®**THERMAL AND ACOUSTIC INSULATION
EXCELLENT PERFORMANCE

The raw material used in ISOVEGETAL comes exclusively from recycled textiles and natural plant fibres:

Composition: 85% plant fibres (cotton, linen, hemp, jute) 15% thermal bonding fibres

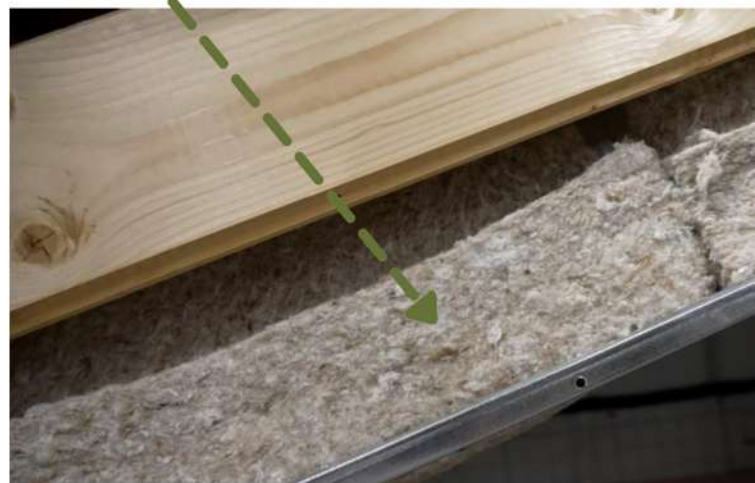
- Density 40 kg/m³
- Available in widths of 580 mm or 600 mm
- Thermal conductivity certified by ACERMI (certificate no. 21/116/1546) of 0.038 W/(m.K)
- Semi-rigid
- Reaction to fire class F
- **Easy to handle** and cut (with insulation knife) and simple implementation
- VOC emissions: A+
- Resistant to fungal development
- Material soft to the touch, **non-irritant** and **low dust**



FIBRES
100%
RECYCLÉES &
RECYCLABLES

λ **38**

USINE
FRANÇAISE



ISOVEGETAL is designed to insulate:

- Ventilated attic spaces according to the DTU series 40
 - standards:
 - insulation on loft floors,
 - Insulation between joists and roof trusses;
- Converted attics:
 - insulation in sloping roofs between and under rafters with a secondary wood framework,
 - insulation in sloping roofs between and under rafters with a secondary metal framework.
- Poured concrete walls compliant with NF DTU 23.1 and small masonry unit walls compliant with standard NF DTU 20.1;
- "French-style" walls (small masonry unit walls compliant with NF DTU 20.1 + single-layer rendering with a thickness of more than or equal to 10 mm compliant with NF DTU 26.1.
- House and building walls, with a wooden framework compliant with standard NF DTU 31.2.

Wet walls or those with rising damp cannot be insulated using this procedure.

The ISOVEGETAL process is the subject of a Technical Appraisal (no. 20/21-487_V1 wall application, 20/21-488_V1 loft application). It is designed for thermal insulation in new build and renovation work on the following buildings:

- Residential buildings: Individual or communal;
- Non-residential buildings:
 - Public access buildings (ERP) in which the last floor is less than 8 m above the ground;
 - Buildings under the labour code.

Industrial, agricultural, agro-food, cooling process buildings, and those with a corrosive atmosphere are excluded.

AVIS
TECHNIQUE

CC
FAT

ACERMI

ÉMISSIONS DANS L'AIR INTÉRIEUR*

A+

A+ A B C

TECHNICAL FEATURES

Designation	Values / Type	Unit
Density	40 (-5, +15)	kg/m ³
Thermal conductivity	0.038	W/(m.K)
Panel length	1200	mm
Panel width	580 and 600	mm
Water vapour diffusion resistance factor	1.6	μ
Vapour diffusion Sd	0.07 (45 mm) to 0.32 (200 mm)	m

ISOVEGETAL® RANGE

Thickness	Thermal Resistance R (m ² .K/W)	Number of panels per pack		Number of packs per pallet		Surface in m ² per pallet	
		580mm	600mm	580mm	600mm	580mm	600mm
45 mm	1.15	13	13	8	8	72.38	74.88
60 mm	1.55	10	10	8	8	55.68	57.60
80 mm	2.10	7	7	8	8	38.98	40.32
100 mm	2.60	6	6	8	8	33.41	34.56
120 mm	3.15	5	5	8	8	27.84	28.80
145 mm	3.80	4	4	8	8	22.27	23.04
160 mm	4.20	4	4	8	8	22.27	23.04
180 mm	4.70	3	3	8	8	16.70	17.28
200 mm	5.25	3	3	8	8	16.70	17.28

The "ISOVEGETAL®" packs and pallets must be stored and kept protected from the elements including during the transportation and installation stages. The full pallets are not stackable.

ISOVEGETAL® an innovative product invented and manufactured in France by BUI TEX

ISOVEGETAL® is designed and manufactured by BUI TEX, a French family-run company located in Cours-la-Ville (Rhône, 69) that has been recycling and upgrading textile, polyester, animal fibre, plant-based and synthetic fibre waste for **more than 100 years**.

Committed to sustainable development by creating bio-sourced products for buildings, BUI TEX also makes **thermal and acoustic insulation** products for sectors such as bedding and automotive.

