



## CAVAC BIOMATERIAUX

### Foundation

- 2009

### Employees

- < 30

### Branches

- Natural fibres
- Industrial performance (defibering/burling)

### Key materials

- Natural insulation products
- Technical fibres (hemp, flax)
- Hemp chaff (hemp mortars, mulching garden, animal bedding)

### Key products

- Biofib'hemp® (hemp fibres)
- Biofib' duo® (hemp and flax fibres)
- Biofib'cellulose® (hemp and cellulose fibres)
- Biofibat (hemp chaff)



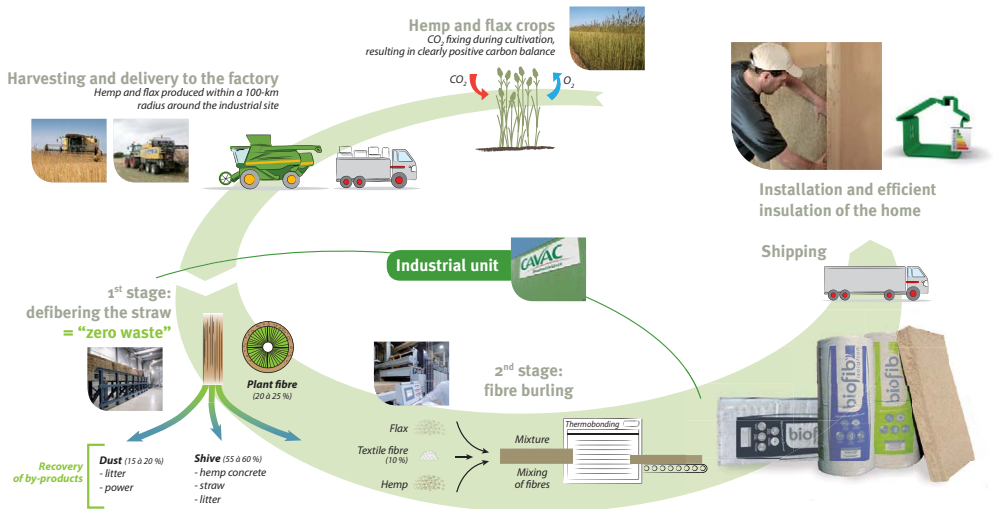
**French manufacturer of biosourced materials**  
**Structural elements – Thermal and Acoustic solutions**

### Company

Founded in 2009, Cavac Biomatériaux is a subsidiary of French agro-industrial cooperative group called Cavac, whose activities are based on cereals processing, feeding and animals growing in the west part of France (in Vendée one hour south from Nantes).

We go on to develop uses for straw and plant fibres to open up new markets for agro-materials. Our vision is that this type of products contribute significantly to a sustainable society. Cavac Biomatériaux claims to be unique in combining technical efficiency with setting an ecological example:

- A "hemp" crop that is renowned for its ecological virtues.
- A complete production chain: hemp and flax are grown by the farmers of our cooperative (and processed on one site).
- The quality of an industrial production that meets the expectations of our partners and customers.



The "from fields to site" chain



## A whole range of limitless options ...

### Materials for insulation and building



A large range of insulation products with the brand Biofib'insulation

### Automotive industry



Panels already manufactured using polyester wadding:

- **Units to be formed** (hemp and/or flax + bico)/thermoforming
- Mats to be used as is or cut to size
- Cotton felts (soundproofing applications)
- ... any "custom work" requiring a burling process.

### Bioplastics industry



Decking  
manufactured with dry blend  
(micronized hemp chaff)



Picket and cup ...  
manufactured with compounds of hemp  
chaff or flax.



### Industrial know-how & state-of-the-art equipment

- 2 separate production lines:
  - defibering of straws
  - burling involving up to 5 components: plant fibres (hemp, flax, cotton, etc.) and/or synthetic fibres (polyester wadding, etc.)
- Control of process and regularity of batches (heating tunnel, density sensor)
- 100 % automated line output: cutting/packaging/ palletizing (thermoformed cover)
- 12,500 m<sup>2</sup> of covered storage area
- An in-house laboratory in charge of quality control (measurement of thermal performance/lambda meter)
- A Research & Development department



### Contact

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