

# Animal welfare, etológia és tartástechnológia



## Animal welfare, ethology and housing systems

Volume 7      Issue 4

Különszám/Special Issue

Gödöllő  
2011



## CELLULOSE RECYCLING - AT THE FOREFRONT OF SUSTAINABLE INSULATION SOLUTIONS

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### **Abstract**

Fibratus aims at developing ecologically sustainable insulation solutions for consumers. The company manufactures and installs cellulose wool produced from recycled paper. Fibratus' operations are based on an ecologically sustainable business model, and the company has its cellulose wool manufactured as close to the end user as possible.

Fibratus cellulose

The good insulation capacity of cellulose wool is guaranteed by:

- Low air permeability
- Seamlessness
- Breathability
- Cellular structure of wood fibre
- Good moisture resistance
- Careful installation

Cellulose wool has excellent moisture resistance, which is demonstrated by its outstanding ability to maintain the insulating capacity when the atmospheric humidity increases. The indoor air humidity is kept at an optimal level and the risk of mould formation is minimised.

Fibratus cellulose wool has a small carbon footprint:

Fibratus cellulose wool is manufactured sustainably from recycled paper. The production process requires very little energy. Fibratus cellulose wool binds the carbon present in wood fibres for its entire useful life, which further reduces the carbon footprint of housing. In addition, Fibratus cellulose wool can be reused as a thermal insulation or as a soil conditioner.