

Solid fibre boards by Zelfo

What is paludiculture?

Is the productive use of wet peatland sites - In particular, agricultural and forestry production on rewetted organic soils while preserving the peat deposits.

Why hay from wet meadows?

Management of wet meadows is a site-appropriate alternative on rewetted peatlands and has many advantages:

- Maintenance of productive land
- Climate protection by conservation of the peat carbon stock
- Water protection by retention of nutrients
- Sustainable resource production
- Strengthening of regional added value
- Protection of species by creation and conservation of habitat structures

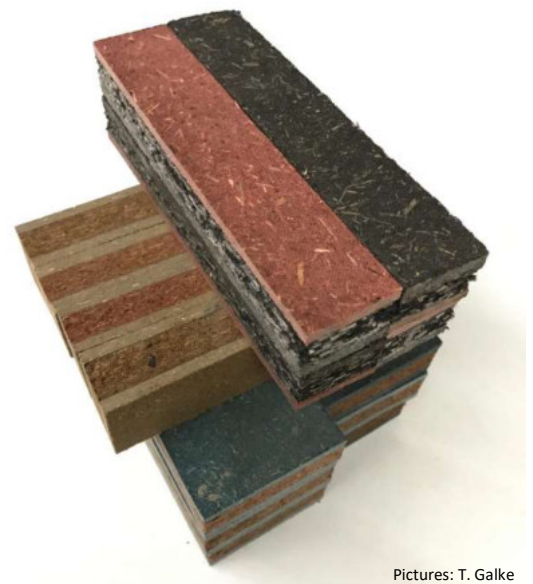


Picture: T.Dahms



Solid fibre boards from wet meadow hay

- high stability without addition of adhesives
- material fully recyclable & compostable
- good returnability into the natural matter cycle
- storage of CO₂
- easy handling



Pictures: T. Galke

Cultivation and harvest	
Raw material harvest:	annually, 1-2 cuts
Yield:	2 - 12 t dry matter/ha/year
Water table:	Summer: 0-20 cm below soil surface Winter: waterlogged conditions
Production	
Producer:	Zelfo Technology Ltd
Pilot- or Serial production:	Pilot production upon request and order
Product properties	
Material/Compound material:	wet meadow hay
Recyclability:	fully recyclable & compostable
Allergy compatibility:	very good
Density:	0,4 g/cm ³ – 1,5 g/cm ³

Further information

paludiculture



<https://lmy.de/KGYpR>

producer



<https://lmy.de/8QUgO>

examples of application



<https://lmy.de/t6av0>



<https://lmy.de/5G2qd>

wet meadow management for energy



<https://lmy.de/gSa4H>