

# Reed Acoustic Absorber Element from Hiss Reet

## 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 Reed?

**Cultivation of Common Reed 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

## Reed as sound insulation material

- high noise absorption effect
- low energy consumption during production
- good returnability into the natural matter cycle

## Product properties

<b>Resource</b>	
Reed cultivation:	Turkey
Raw material harvest:	Mowing in winter
Area of application:	Interior acoustic absorption
<b>Production</b>	
Producer:	Hiss Reet Schilfrohrhandel Ltd
Pilot or serial production:	Serial production
Place of production:	Bad Oldesloe, Germany
<b>Product properties</b>	
Material/Compound material:	Reed culms + special foam on gypsum plasterboard
Dimensions:	50x50x18 cm
Sound absorption rate (DIN EN ISO 11654)	C (highly absorbent)
Allergy compatibility:	allergy-friendly
Resistance against mould:	good
Recyclability:	Reed recyclable & compostable
Price:	640 €/m <sup>2</sup>
Carbon footprint:	+ : low emissions during harvest and production - : emissions due to long transport of raw material

Status: 1/2022



Picture: lelougris



Picture: GMC



Picture: Hiss Reet

## Further information

paludiculture  
<https://lmy.de/KGYpR>



the product  
<https://lmy.de/XYIQs>