Myco Lutions

Circular and healthy materials made from mycelium

grown@mycolutions.de

In the EU, the construction industry causes

50% Raw material consumption

36% Solid waste generation

Available materials are non-circular

90% of thermal and acoustic insulation is polystyrene, mineral wool, PET and synthetic foams

Mycelium Material

Porous, bio-based composite material

Ideal in mass markets such as acoustics, thermal insulation and furniture

- Low CO_2-footprint
- 100% compostable
- No toxins
- Fast-growing raw materials
- Cost-efficient production

Mycelium as a natural binding agent.

Straw is intergrown with mycelium.

Within 2 weeks, we obtain a stable **composite material.**

Acoustic absorber Woge

Natural aesthetics

Optimal room acoustics

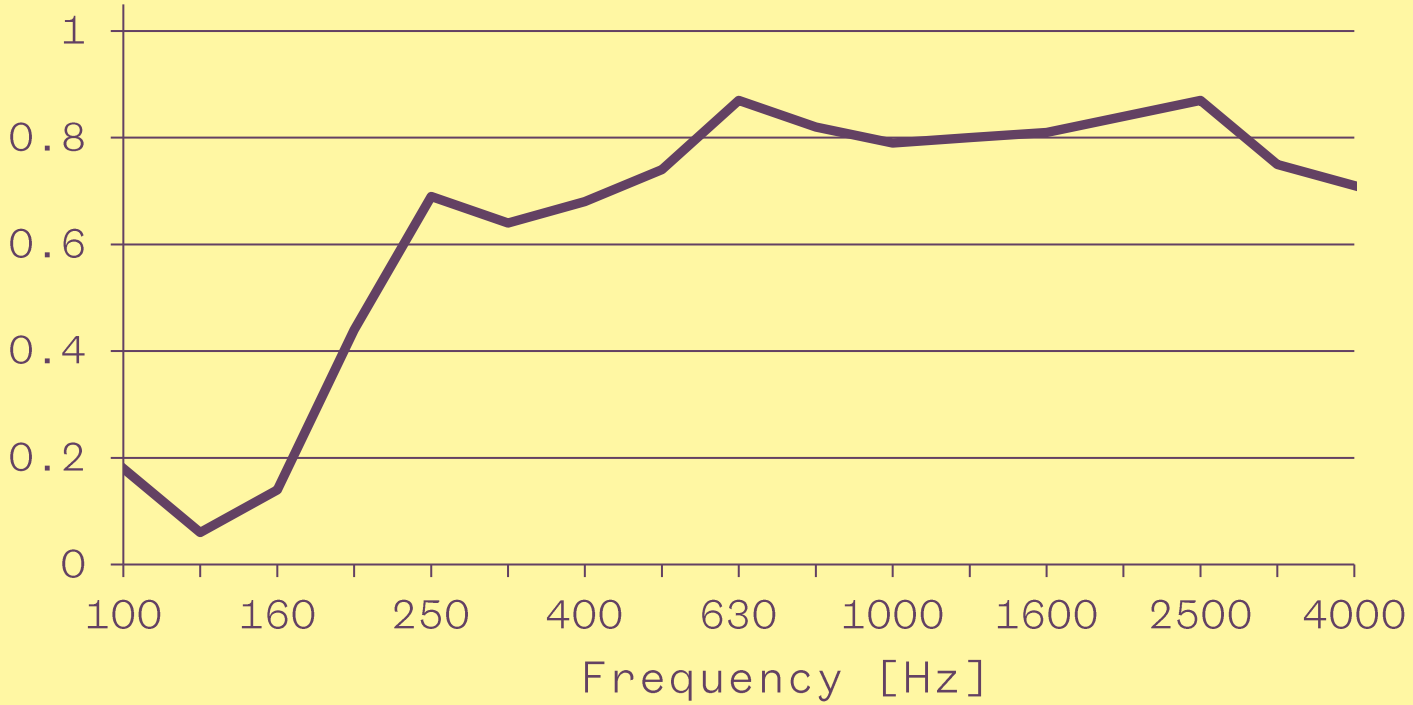
Healthy indoor climate

CO_2 reduced

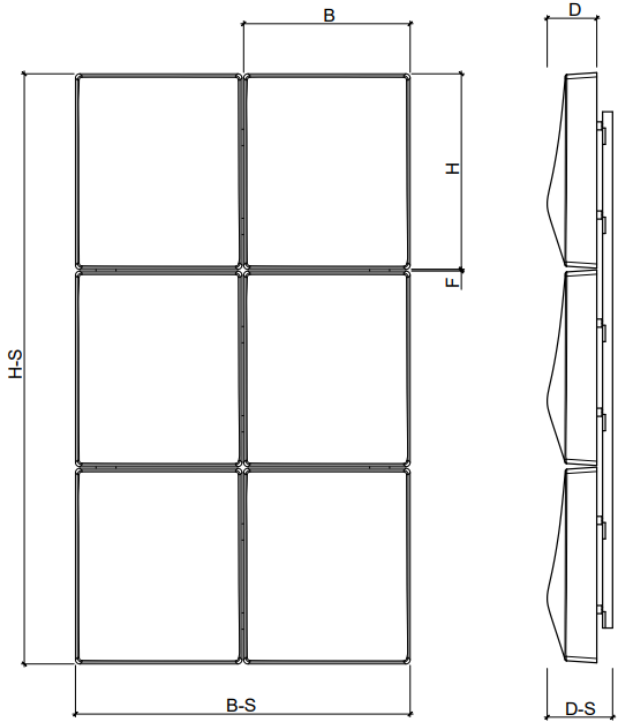
Locally produced in Germany

Acoustic absorber Woge

Sound absorption class B



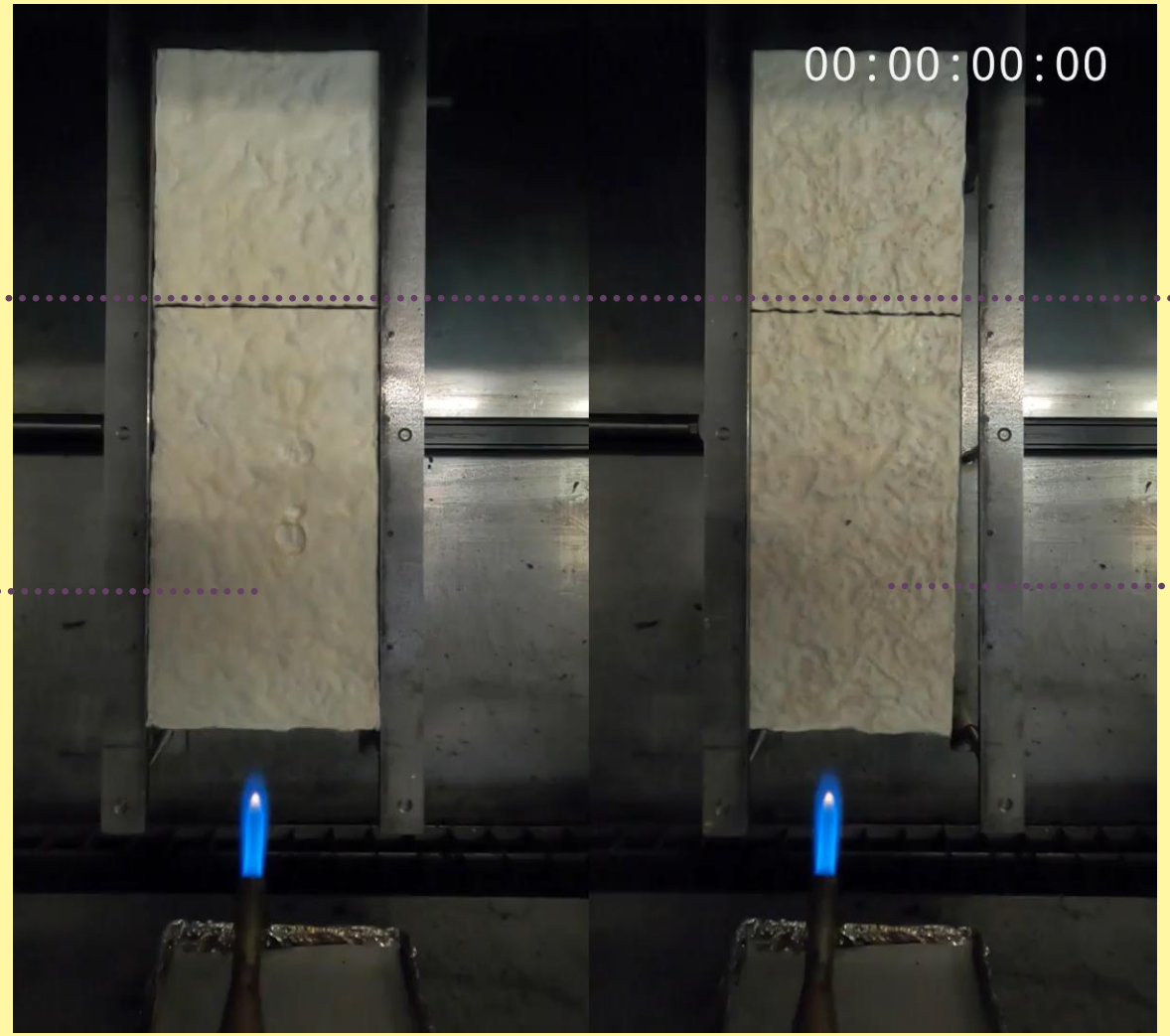
Modular mounting system made from wood



Fire-Safe Mycelium

TESTLINIE

Mycelium composite
untreated



Fire-Safe Mycelium

Production

Second pilot plant in operation since September 2025.

Production

7-fold scaling of pilot production from 150 m²/a to 1,000 m²/a.

Expansion to 3,000 m²/a planned for June 2026.

Costumer

Sale of own products via office outfitters

Supplier for acoustic manufacturers

Product development thermal insulation

R+D Thermal Insulation

Scaling Up Board Sizes
Growing large format mycelium insulation boards for construction use

Improved Processability
Engineering boards that are stable, consistent and easy to cut

Natural Clay Coating
Building and plastering a sample wall

MycoLutions Team

David Gradl
Co-Founder & CTO

Helge Schritt
Co-Founder & CEO

Thies Lingner
Co-Founder & COO

Annina Spies
Product design

Dominik Berndt
Process engineering

**Prof. Dr.
Friedrich Ueberle**
Acoustic advisor
HAW Hamburg

Circular by design.