

MODULINA: green building solutions



STRAW PANELS

- thermal insulation (λ - value comparable within natural material range)
- designed for integration in airtight building systems
- tested wall systems for fire performance (full assembly)
- fast and efficient assembly
- natural carbon storage (CO₂ sequestration in bio-based materials)

- 📍 Depends on project specifications
- 🌿 Technologies are designed based on circular economy requirements
- 🌍 Lithuania, Denmark, Germany, UK
- 🌐 European Union, Ukraine, North and South Americas, East Asia, Japan.
- 📏 Scale



modulina
STRAW PANELS

UAB Modulina specializes in manufacturing prefabricated load-bearing straw panels. Compressed straw insulation is combined with a precision-engineered timber frame, thus creating high-performance, eco-friendly building systems.



HOW IT WORKS

Modulina Straw Panels, is a prefabricated, load-bearing construction system, which combines compressed straw insulation with a structural timber frame creating high-performance and low-carbon buildings.

Designed with energy efficiency and natural thermal insulation in mind, Modulina Straw Panels reduce heating and cooling demands, while maintaining a healthy indoor climate.

Panels are made using locally sourced straw—a renewable agricultural byproduct—and timber that meets structural grade C24 standards. Quick on-site assembly makes it a cost-effective and environmentally sensible choice for residential and commercial buildings.

Modulina is committed to greener cities and healthier living spaces.

BUSINESS

Modulina prouds itself with pilot projects in Copenhagen (Denmark), Berlin (Germany) and Wales (UK).

Modulina is happily involved in social initiatives and projects in Ukraine.

Brand awareness is being formed in France, Sweden, Finland, Norway, Italy, Spain, Switzerland, Poland and in other European countries.

With constantly expanding reach, Modulina can customize production and delivery based on regional building regulations and sustainability goals.

For specific inquiries about availability in your country, please contact the company.

