



# FLEX HAB

When you suddenly need a house

## ABOUT MADFLEX

An innovative technological solution patented by **Composite Research** for the creation of an ultra-light structural composite material sandwich panel with unique mechanical features.

### MADly Strong – Super FLEX

**5 times more efficient** than structural steel.  
**4 times lighter** than aluminium.



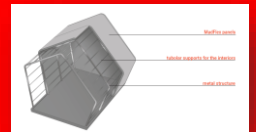
**RIGID SKIN**  
Resistant to compression



**FLEXIBLE SKIN**  
Resistant to traction

## VALUE PROPOSITION

A disruptive solution to solve the existing limitations of composites joining, allowing improving panels workability and transport.



- Continuous surface that guarantees **tightness** and **impermeability**
- 50% Weight reduction**
- No concentration** of mechanical stress
- No sudden subsidence**
- No energy dispersion**
- Integration** in the existing productive cycle
- Thermoformability**
- High resistance** to any environmental factor
- Reduction** of metallic elements

Project in collaboration with Alta Scuola Politecnica of Turin and Milan and Rasero srl

