



GO HOME ... GO GREEN

- Perfectly engineered natural wood with natural insulation
- High conformity to international standards
- Customized designs

Fast & Easy Installation

On-sight assembly & delivery in 3 months



Design



Structure Assembly



Finishing

House Composition

EXTERNAL WALLS

Starting from the outer side:

- Horizontal or vertical wood cladding
- Ventilation void under the cladding
- A galvanized perforated insect barrier
- Water barrier
- OSB3 wooden panel
- Structural solid wood columns
- Rockwool sound & thermal insulation layer
- OSB3 wooden panel
- Humidity barrier
- Horizontal or vertical wood cladding



FLOOR

Starting from above:

- Wooden flooring
- PE damper
- OSB3 wooden panel
- Rockwool sound insulation
- Humidity barrier
- Wooden cladding
- A structure made of solid wood rafters



ROOF

Starting from top:

- Roof tiles (any type)
- Ventilation void under the tiles
- Bird barrier at the lower edges of the roof
- Water barrier
- OSB3 wooden panel
- Rockwool sound & thermal insulation
- Humidity barrier
- Wooden cladding
- A structure made of solid wood rafters



INTERNAL WALLS

The internal walls are made of the following:

- Fire-resistant gypsum board
- OSB3 wooden panel
- Humidity barrier
- A wall structure of solid wood columns
- Rockwool insulation
- Humidity barrier
- OSB3 wooden panel
- Fire-resistant gypsum board

WINDOWS

- Double glazing
- Wooden shutters
- Wooden or colored aluminum frames
- Roof windows



WOOD SOURCE

- Southern Yellow Pine (from the USA)
- Red Russian Pine (from Russia)
- Spruce wood (from Romania)
- Douglas/larch wood (from Finland)



Features

- **Flooring Posi Joist Technology** allowing:
 - ✓ Up to 8 m long span
 - ✓ Prefabricated floors & roofs
 - ✓ Efficient routing of sanitary tubes
- **A Structural Glued Laminated Timber (Glulam) Technology** that offers designers a multitude of options for large open spaces with a minimum number of columns
- **Ecological & healthy components**
- **High thermal insulation U value = 0.13 W/(m2.K)**
[as compared to 20 cm thick cellular concrete = up to 4 W/(m2.K)]