

Specification

The following pages contain the description of our type of factory manufactured panels we use for all buildings we called “tipi”– wall, roof and floor structures for whole building, giving a clear understanding of their structure.

EXTERNAL WALL CONSTRUCTION

1. 18mm horizontal timber cladding
2. Vertical batten 25×45mm, distance max 600mm at centers
3. Breather Membrane
4. 12 mm OSB 3
5. Timber stud, thickness 150 x 45 mm
6. Mineral wool
7. Timber structural noggins
8. Vapor check layer
9. 12 mm OSB3
10. Vertical batten 25×45mm
11. Pine paneling tongue and groove

ROOF PANEL CONSTRUCTION

1. Shingle roof covering
2. 12 mm OSB 3
3. Timber stud, thickness 150 x 45 mm
4. Mineral wool
5. Timber structural noggins
6. Vapor check layer
7. 12 mm OSB3
8. Vertical batten 25×45mm
9. Pine paneling tongue and groove

INSULATED FLOOR PANEL IF NECESSARY

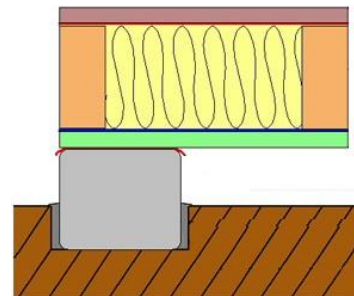
1. Steel layer for protection
2. 12 mm OSB 3
3. Timber stud, thickness 150 x 45 mm
4. Mineral wool
5. Timber structural noggins
6. Vapour check layer
7. 22 mm OSB 3
8. 8mm laminate flooring

INTERNAL WALL CONSTRUCTION

1. Pine paneling tongue and groove
2. 12 mm OSB 3
3. Timber stud, thickness 45 x 45 mm
4. Mineral wool
5. Timber structural noggins
6. 12 mm OSB 3
7. Pine paneling tongue and groove



Section insulated floor panel



Mezzanine miller's ladder.

All our windows and doors are fully double glazed with uPVC, standard white colour.

INTERMEDIARY FLOOR PARTITIONS

1. Pine paneling tongue and groove
2. Vertical batten 25×45mm
3. 12 mm OSB 3
4. Timber joist 150 x 45 mm
5. Mineral wool 150 mm
6. 22 mm OSB 3
7. 8mm laminate flooring