

Specification

The following pages contain the description of our type of factory manufactured panels we use for all buildings called “garden offices and rooms”– 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 100 x 45 mm
6. Mineral wool
7. Timber structural noggins
8. Vapour check layer
9. 12 mm OSB3
10. Vertical batten 25×45mm
11. Pine paneling tongue and groove

ROOF PANEL CONSTRUCTION

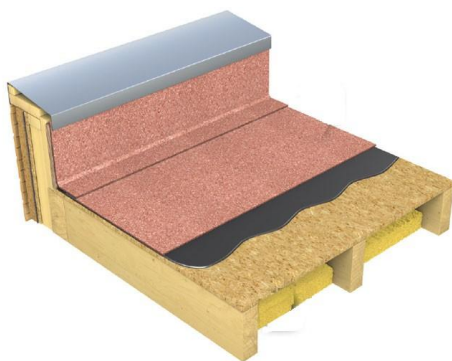
1. EPDM roof covering
2. 12 mm OSB 3
3. Timber stud, thickness 100 or 150 x 45 mm depending on the size of the building
4. Mineral wool
5. Timber structural noggins
6. Vapour check layer
7. 12 mm OSB3
8. Vertical batten 25×45mm
9. Pine paneling tongue and groove

INSULATED FLOOR PANEL IF NECESSARY

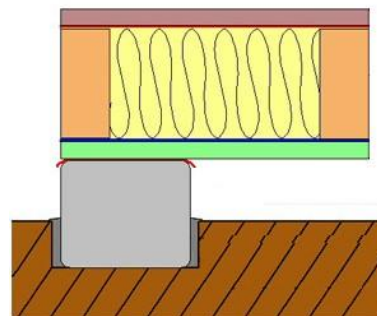
1. Steel layer for protection
2. 12 mm OSB 3
3. Timber stud, thickness 100 or 150 x 45 mm depending on the size of the building
4. Mineral wool
5. Timber structural noggins
6. Vapour check layer
7. 22 mm OSB 3
8. 8mm laminate flooring

INTERNAL WALL CONSTRUCTION

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



Section roof panel



Section insulated floor panel

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

OPTIONS SUBJECT OF REQUIREMENT

1. Internal and external finishing as MDF, HPL panels, 12.5 mm Plasterboard, aluminum composite panels, Red Cedar cladding, etc.
2. External wall timber stud thickness 150 x 45 mm only for building 20 m²
3. Roof shape
4. Roof covering
5. Aluminum glazing windows and doors