

# Specification

The following pages contain the description of our type of factory manufactured panels we use for all buildings called “bungalow”– 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

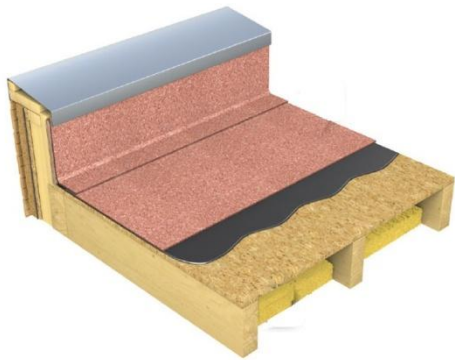
1. EPDM roof covering
2. 12 mm OSB 3
3. Timber stud, thickness 100 or 150 x 45 mm depending on the size of the building
4. Mineral wool
5. Timber structural noggins
6. Vapour check layer
7. 12 mm OSB3
8. Vertical batten 25×45mm
9. Pine paneling tongue and groove

## INSULATED FLOOR PANEL IF NECESSARY

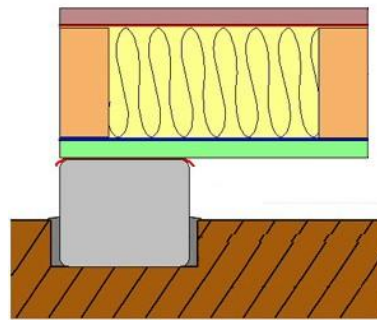
1. Steel layer for protection
2. 12 mm OSB 3
3. Timber stud, thickness 100 or 150 x 45 mm depending on the size of the building
4. Mineral wool
5. Timber structural noggins
6. Vapour check layer
7. 22 mm OSB 3
8. 8mm laminate flooring

## 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 m<sup>2</sup>
3. Roof shape
4. Roof covering
5. Aluminum glazing windows and doors