Unit Weight: 19,000 kg
25T mobile crane
Shallow water bassin
Volkstuin
Intimate terrace
Green house
Roof garden
Courtyard
Roof
- 30*38mm Scottish larch timber cladding
- 30*40mm Battens every 480mm
- 30mm Ventilation gap
- 120mm Wood fiber Insulation
- 124mm CLT Structural panel

Facade
- 30*38mm Scottish larch timber cladding
- 18mm Timber cladding clip / Ventilation gap
- 30*40mm Battens
- 120mm Wood fiber Insulation
- 124mm CLT Structural panel
- 50*35mm Battens / Air gap
- 10mm *2 Gypsum fiber board

Floor
- 17mm 1860 x 189 mm Normadie Solid wood (Suitable for floor heating and cooling)
- 3mm Flexible adhesive
- 45mm Cement screed
- 30mm Floor heating pipe / pocketed polystyrene
- 20mm Sound proof Insulation
- 160mm CLT Structural floor (40/20/40/20/40)
External Wall
10mm *2 Gymsum fiber board
50*35mm Battens / Air gap
124mm CLT Structural panel
120mm I-joists with insulation / Wood fiber Insulation
30*40mm Battens / Ventilation gap
18mm Timber cladding clip / Ventilation gap
30*38mm Scottish larch timber cladding

Internal Wall
10mm *2 Gymsum fiber board
124mm CLT Structural panel

Stairs
120mm CLT Structural panel

Door
1220*2200mm Outswing Triple glazed solid wooden frame door

Floor
400*400mm Anti slip Grey Ceramic Tile

1:20 Horizontal Section
Facade
30*38mm Scottish larch timber cladding
18mm Timber cladding clip holding profile
30*40mm Battens / Ventilation gap
100*100mm Top mounted Roller sunblind
124mm CLT Structural panel
50*35mm Battens / Air gap
10mm *2 Gypsum fiber board

Window
40mm Triple glazed window glass
Oak Solid wood window profile
Treated with hard wax oil
Roller sunblind opening for repair
Solid wood window casing

Roof to Wall
Green Trail Glasswound Glass
Gutter
200mm Screw Wall to Roof connection
40mm Green to CLT
20mm Folded metal plate

Floor
17mm 1860*189 mm Normadie Solid wood
(Suitable for floor heating and cooling)
3mm Flexible adhesive
45mm Cement screed
30mm Floor heating pipe
20mm Wood fiber Insulation
160mm CLT Structural floor

Wall to Floor
20mm concealed metal plate connection
16mm Tight fit dowels
100mm screw

Facade
30*38mm Scottish larch timber cladding
18mm Timber cladding clip holding profile
30*40mm Battens / Ventilation gap
100*100mm Top mounted Roller sunblind
124mm CLT Structural panel
50*35mm Battens / Air gap
10mm Gypsum fiber board
Roof
- 30*38mm Scottish larch timber cladding
- 30*40mm Battens every 480mm
- 30mm Ventilation gap
- 120mm Wood fiber Insulation
- 124mm CLT Structural panel

Internal wall
- 10mm *2 Gymsum fiber board
- 124mm CLT Structural panel
- 10mm *2 Gymsum fiber board

Foundation
- 120mm Rigid Insulation
- 10mm Tight fit dowels
- 20mm concealed metal plate connectors
- 10mm Reinforced Concrete foundation

Floor
- 17mm 1860*189 mm Normadie Solid wood (Suitable for floor heating and cooling)
- 3mm Flexible adhesive
- 30mm Cement covered
- 30mm Floor heating pipe
- 45mm Cement screed
- 30mm Floor heating pipe
- 20mm Sound proof Insulation
- 160mm CLT Structural floor
- 40/20/40/20/40
- 100mm Rigid Insulation

Door
- 40mm Triple glazed glass
- 78*100mm Oak Solid wooden profile
- Treated with hard wax oil
- Aluminium Barrier free door sill

Roof
- 30*38mm Scottish larch timber cladding
- 30*40mm Battens every 480mm
- 30mm Ventilation gap
- 120mm Wood fiber Insulation
- 124mm CLT Structural panel

Internal wall
- 10mm *2 Gymsum fiber board
- 124mm CLT Structural panel
- 10mm *2 Gymsum fiber board

Foundation
- 120mm Rigid Insulation
- 10mm Tight fit dowels
- 20mm concealed metal plate connectors
- 10mm Reinforced Concrete foundation

Floor
- 17mm 1860*189 mm Normadie Solid wood (Suitable for floor heating and cooling)
- 3mm Flexible adhesive
- 30mm Cement covered
- 30mm Floor heating pipe
- 45mm Cement screed
- 30mm Floor heating pipe
- 20mm Sound proof Insulation
- 160mm CLT Structural floor
- 40/20/40/20/40
- 100mm Rigid Insulation