ZIBRANO

FACTORY

ENERGY EFFICIENT ARCHITECTURE

Projects of townhouses "Zen house"
Ukraine, Kiev, Lebedevka village, Vyshgorodsky district






Private house
Githorn, Netherlands

Private house
Hilversum, Netherlands






Complex of private houses
Jaroszowa Wola, Poland






Private house
Hettstadt, Germany





Apartment building
Mainengen, Germany

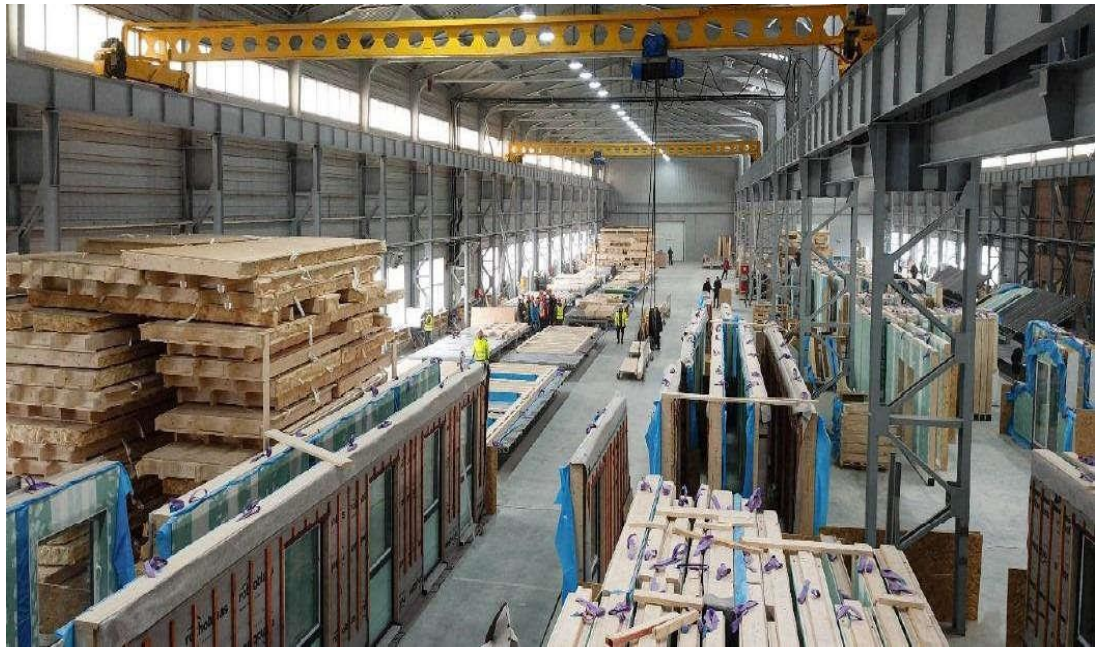
Private house
Sweden

Railway Station Rederstrasse
Bad Neustadt an der Saale, Germany






FRAME-PANEL CONSTRUCTION SETS



ZIBRANO performs manufacturing of timber prefab frame-panel construction sets at own production facility at IRSHAVA, Transcarpathian region of Ukraine, fully equipped with WEINMANN manufacturing line.

ZIBRANO performs export of prefab construction sets to EC. Authorized and experienced representatives in Germany, Hollandia, Croatia, Poland… Financing of export contracts is provided by Ukrainian banks.

We are customer-oriented and technically qualified. For prefab timber frame-panel construction sets, based on requirements of the customer, the specific house project, the local requirements of the destination construction place (climate, requirements) we offer:

- Specific design of sandwiches for exterior and interior walls, roof, floor (if required)
- Sandwiches' materials selection according to wishes and requirements of the customer.
- Specific design of windows for on-factory installation. We use Rehau or Ukrainian based profiles and glazing if required.
- Load-bearing frame calculations and checking of the project static load bearings.
- Installing pipes and sockets for electricity and other niches for internal engineering networks, simplifying future construction.

FRAME-PANEL SETS. QUALITY

Energy Efficiency

We develop and manufacture prefab timber-frame houses considering the modern energy efficiency requirements. The envelope of the house in terms of heat losses may comply with the requirements of KfW Effizienzhaus 40 Plus.

Ecological and safe

We use basalt (stone) wool as main insulation material. That is probably the best insulation that is completely neutral, does not absorb humidity, preserve its physical properties under influence of high and low temperatures, has perfect fire prevention properties. Timber of Ukrainian origin is ecological, CE certified, and treated with antibacterial and counter-fire retardant.

Quality of manufacture

All stages of manufacturing are performed using Weinmann machines and equipment, that includes CNC controlled machines and precise carpentry tables. Using of CNC controlled machines ensures minimum deviation in timber and panels and further easy and qualitive assembly of the house.

FRAME-PANEL SETS. MATERIALS

For 10 years we manufacture prefab timber frame panel houses. We gained valuable experience, created team of professionals that are capable to deal with complicated equipment, perform sophisticated routine of fabrication.

We have well-established supply chains for all necessary materials and raw materials for production of frame-panel house sets. All materials are CE certified, selection of materials is based on technical requirements of thermal losses, humidity prevention requirements, soundproofing, fire prevention based on CE recommendations and standards.

Wood of Ukrainian origin

Dry (moisture up to 14%), calibrated timber of the 1st grade, with strength class C18, C24, C30. All wooden parts are treated with a bio-fire retardant, which protects the wood from biological destruction and adds fire-resistant properties.

Insulation

IZOVAT mineral basalt wool of Ukrainian origin (produced on a modern high-tech production line of OBIO LLC, the company's products are exported to EU countries). We have work experience and established contacts for the supply of ISOVER, ROCKWOOL and other mineral insulation. Projects were carried out using STEICO flex wooden organic insulation.

OSB3 Egger. We have experience and established contacts with other suppliers, including Kronospan UA (production enterprise in Ukraine, Novovolynsk, part of the Kronospan group).

Plates for panels In addition to OSB, we use "Betopan" CSP and CSP of Ukrainian origin, "Knauf" plasterboard, "Fermcell" gypsum fiberboard and other plates of Ukrainian and European origin as external boards for wall panels, floors, ceilings and coatings.

Membranes and pellicles.

Super-diffusive membrane StrotexBasic 1300 and vaporcontrol Layer Strotex110 PI of Polish origin. Experience working with German membranes and films (DELTA®-LUXX and DELTA®-VENT N), membranes and films of Ukrainian origin.

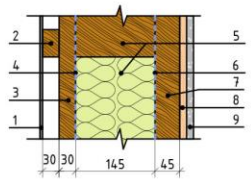
External insulation

IZOVAT basalt wool of high density (130-140 kg)or other (ISOVER, ROCKWOOL, STEIKO Protect)

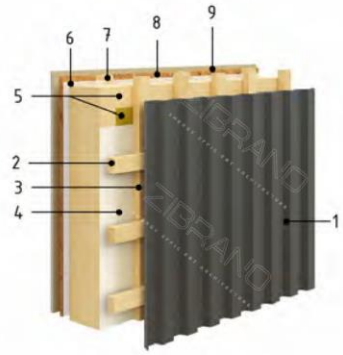
Architectural solutions album

1. External walls

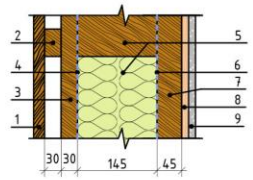
1.1 The construction of the external wall. Exterior decoration – Profiled metal sheet. Interior decoration – Gypsum fireboard



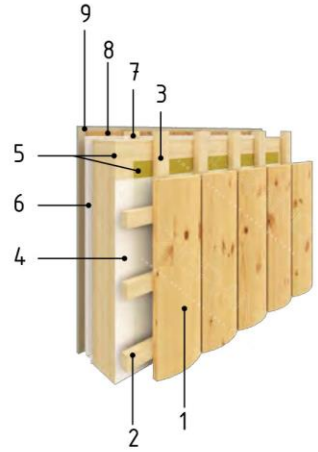
1. Profiled metal sheet
2. Timber Rail 30x50mm
3. Timber Stud 30x50 mm
4. Flexible sheet for waterproofing
5. Timber frame 145x45mm with mineral insulation 100mm+50mm
ρ=0,3 kg/m³ λ=0,042 W/mK
6. Vapor barrier
7. Timber Stud 45x45mm
8. OSB 12мм
9. Gypsum fireboard 12,5mm



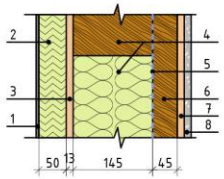
The construction of the external wall. Exterior decoration – painted vertical wood cladding. Interior decoration – Gypsum fireboard



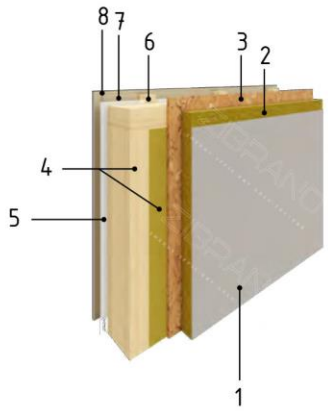
1. Vantilated facade of painted vertical wood cladding 18mm
2. Timber Rail 30x50 мм
3. Timber Stud 30x50 mm
4. Flexible sheet for waterproofing
5. Timber frame 145x45mm with mineral insulation 100mm+50mm ρ=0,3 kg/m³ λ=0,042 W/mK
6. Vapor barrier
7. Timber Stud 45x45mm
8. OSB 12мм
9. Gypsum fireboard 12,5mm



The construction of the external wall. Exterior decoration – Basalt facade insulation covered with Render finish. Interior decoration – Gypsum fireboard

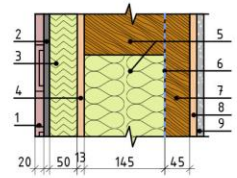


1. Render finish/Reinforcing coat 5mm
2. Basalt facade insulation 50-200mm/STEICO Therm or Gutex panels λ=0,040 W/mK
3. OSB 12мм
4. Timber frame 145x45mm with mineral insulation 100mm+50mm
ρ=0,3 kg/m³ λ=0,042 W/mK
5. Vapor barrier
6. Timber Stud 45x45mm
7. OSB 12mm
8. Gypsum fireboard 12,5mm

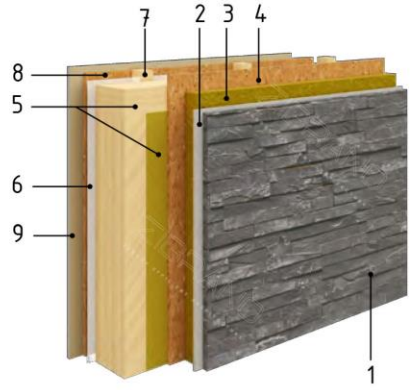


Architectural solutions album

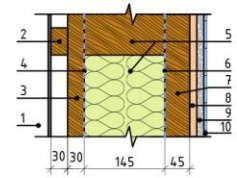
The construction of the external wall. Exterior decoration – Basalt facade insulation covered with Render finish. Interior decoration – Gypsum fireboard



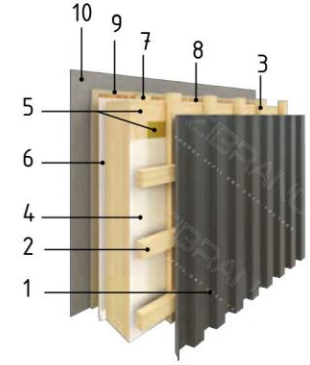
1. Stack stone 20mm
2. Polypropylene Mesh Adhesive 10mm
3. Basalt facade insulation 50-200mm/STEICO Therm or Gutex panels λ=0,040 W/mK
4. OSB 12мм
5. Timber frame 145x45mm with mineral insulation 100mm+50mm
ρ=0,3 kg/m³ λ=0,042 W/mK
6. Vapor barrier
7. Timber Stud 45x45mm
8. OSB 12мм
9. Gypsum fireboard 12,5mm



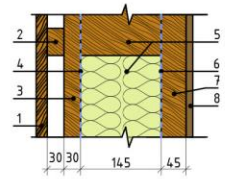
The construction of the external wall Wet rooms. Exterior decoration – Profiled metal sheet Interior decoration – Ceramic tiles



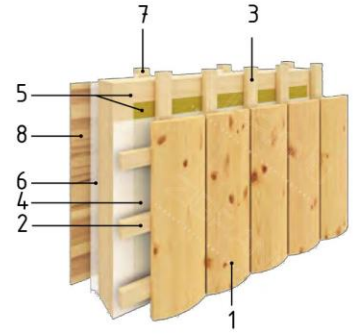
1. Profiled metal sheet
2. Timber Rail 30x50 mm
3. Timber Stud 30x50 mm
4. Flexible sheet for waterproofing
5. Timber frame 145x45mm with mineral insulation 100mm+50mm
ρ=0,3 kg/m³ λ=0,042 W/mK
6. Vapor barrier
7. Timber Stud 45x45mm
8. OSB 12мм
9. Moisture-resistant plasterboard 12,5mm
10. Ceramic tiles 9mm



The construction of the external wall. Exterior decoration – Painted vertical wood cladding. Interior decoration – Laminated Chipboard

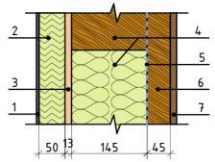


1. Vantilated facade painted vertical wood cladding 18mm
2. Timber Rail 30x50 mm
3. Timber Stud 30x50 mm
4. Flexible sheet for waterproofing
5. Timber frame 145x45mm with mineral insulation 100mm+50mm
ρ=0,3 kg/m³ λ=0,042 W/mK
6. Vapor barrier
7. Timber Stud 45x45mm
8. Laminated Chipboard 16mm

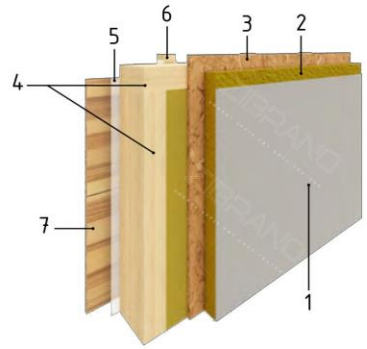


The construction of the external wall.
Exterior decoration - Basalt facade insulation covered with Render finish.
Interior decoration - Laminated Chipboard

1.7

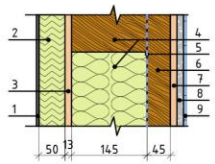


1. Render finish/Reinforcing coat 5mm
2. Basalt facade insulation 50-200mm/STEICO Therm or Gutex panels λ=0,040 W/mK
3. OSB 12мм
4. Timber frame 145x45mm with mineral insulation 100mm+50mm ρ=0,3 kg/m³ λ=0,042 W/mK
5. Vapor barrier
6. Timber Stud 45x45mm
7. Laminated Chipboard 16mm

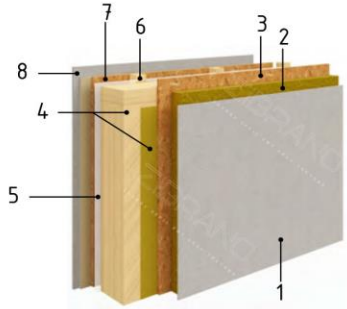


The construction of the external wall.
Exterior decoration - Basalt facade insulation covered with Render finish.
Interior decoration - Gypsum fireboard

1.8

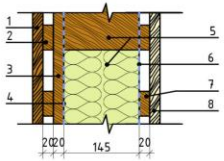


1. Render finish/Reinforcing coat 5mm
2. Basalt facade insulation 50-200mm/STEICO Therm or Gutex panels λ=0,040 W/mK
3. OSB 12мм
4. Timber frame 145x45mm with mineral insulation 100mm+50mm ρ=0,3 kg/m³ λ=0,042 W/mK
5. Vapor barrier
6. Timber Stud 45x45mm
7. OSB 12мм
8. Moisture-resistant plasterboard 12,5mm
9. Ceramic tiles 9mm

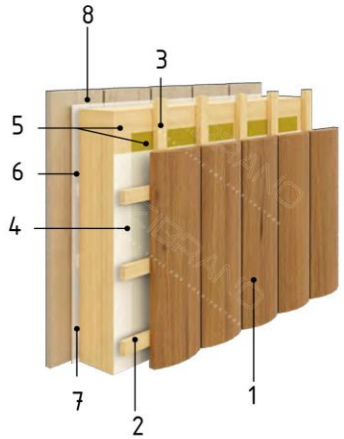


The construction of the external wall frame 145x45mm.
Exterior decoration - Vertical painted wood cladding.
Interior decoration - Vertical painted wood cladding.

1.9



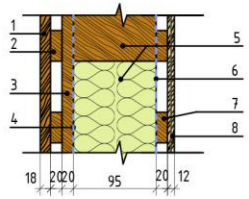
1. Vantilated facade of painted vertical wood cladding 18mm
2. Timber Rail 20x40mm
3. Timber Stud 20x40 mm
4. Flexible sheet for waterproofing
5. Timber frame 145x45mm with mineral wool insulation 150mm ρ=0,3 kg/m³ λ=0,042 W/mK
6. Vapor barrier
7. Timber Rail 20x40mm
8. Painted vertical wood cladding 18mm



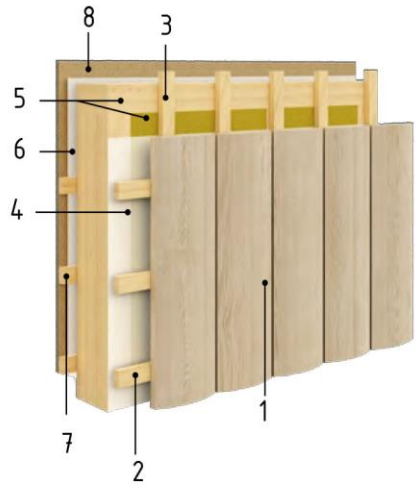
Architectural solutions album

The construction of the external wall frame 95x45mm.
Exterior decoration - Wood cladding.
Interior decoration - Wood cladding.

1.10

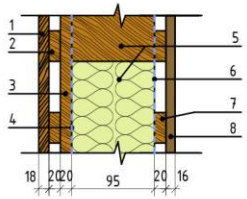


1. Vantilated facade of painted vertical wood cladding 18mm
2. Timber Rail 20x40mm
3. Timber Stud 20x40 mm
4. Flexible sheet for waterproofing
5. Timber frame 95x45mm with mineral wool insulation 100mm ρ=0,3 kg/m³ λ=0,042 W/mK
6. Vapor barrier
7. Timber Rail 20x40mm
8. Painted Marine Plywood 12mm

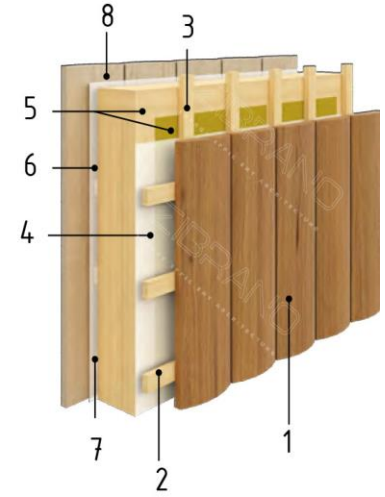


The construction of the external wall frame 95x45mm.
Exterior decoration - Vertical wood cladding.
Interior decoration - Laminated wood cladding.

1.11



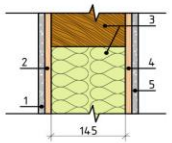
1. Vantilated facade of painted vertical wood cladding 18mm
2. Timber Rail 20x40mm
3. Timber Stud 20x40 mm
4. Flexible sheet for waterproofing
5. Timber frame 95x45mm with mineral wool insulation 100mm ρ=0,3 kg/m³ λ=0,042 W/mK
6. Vapor barrier
7. Timber Rail 20x40mm
8. Laminated Chipboard 16mm



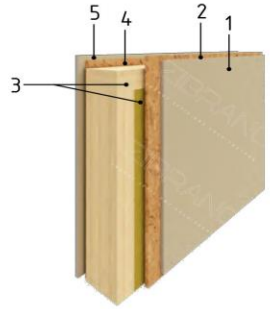
2. Interial walls

Construction of the internal wall
Both sides of Gypsum fireboard

2.1

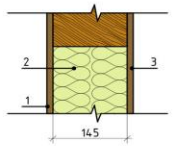


1. Gypsum fireboard 12,5mm
2. OSB 12мм
3. Timber frame 145x45mm with mineral insulation 100mm+50mm
ρ=0,3 kg/m³ λ=0,042 W/mK
4. OSB 12мм
5. Gypsum fireboard 12,5mm

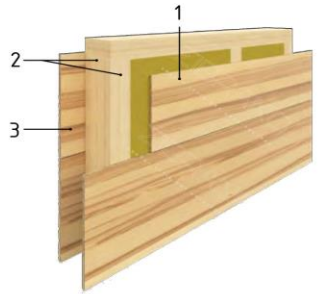


Construction of the internal wall
Both sides of laminated chipboard

2.2

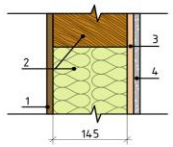


1. Laminated Chipboard 16mm
2. Timber frame 145x45mm with mineral insulation 100mm+50mm
ρ=0,3 kg/m³ λ=0,042 W/mK
3. Laminated Chipboard 16mm

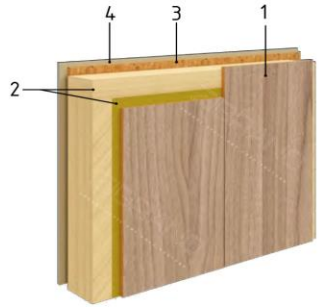


Construction of the internal wall
Laminated chipboard/Gypsum fireboard

2.3

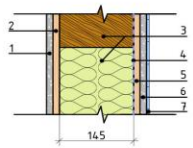


1. Laminated Chipboard 16mm
2. Timber frame 145x45mm with mineral insulation 100mm+50mm
ρ=0,3 kg/m³ λ=0,042 W/mK
3. OSB 12мм
4. Gypsum fireboard 12,5mm

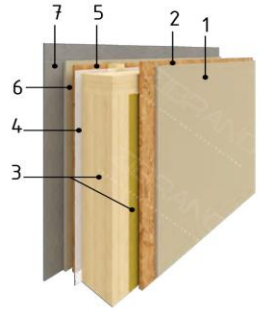


Construction of the internal wall
Bathrooms

2.4



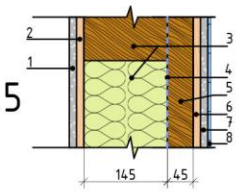
1. Gypsum fireboard 12,5mm
2. OSB 12мм
3. Timber frame 145x45mm with mineral insulation 100mm+50mm
ρ=0,3 kg/m³ λ=0,042 W/mK
4. Vapor barrier membrane
5. OSB 12мм
6. Moisture-resistant plasterboard 12,5mm
7. Ceramic tiles 9mm



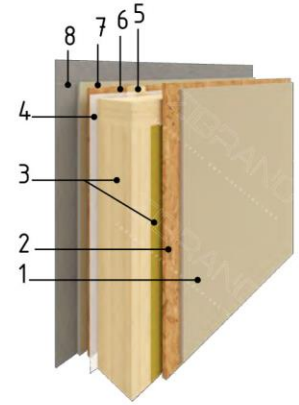
Architectural solutions album

Construction of the internal wall
Bathrooms

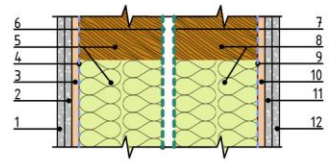
2.5



1. Gypsum fireboard 12,5mm
2. OSB 12мм
3. Timber frame 145x45mm with mineral insulation 100mm+50mm
ρ=0,3 kg/m³ λ=0,042 W/mK
4. Vapor barrier membrane
5. Timber Stud 45x45 with additional insulation of 50 mm
6. OSB 12мм
7. Moisture-resistant plasterboard 12,5mm
8. Ceramic tiles 9mm

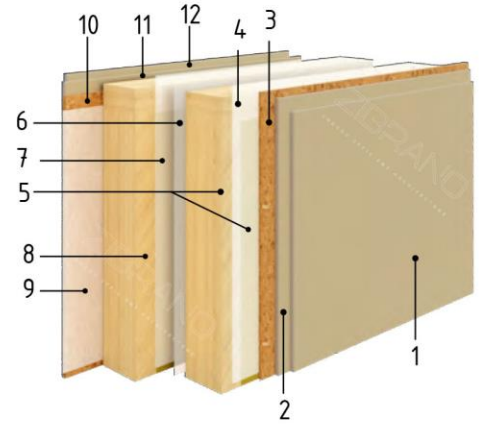


Double inner wall



2.6

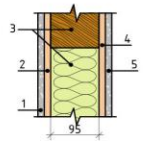
1. Gypsum fireboard 12,5mm
2. Gypsum fireboard 12,5mm
3. OSB 12мм
4. Vapor barrier membrane
5. Timber frame 145x45mm with mineral insulation 100mm+50mm
ρ=0,3 kg/m³ λ=0,042 W/mK
6. Flexible sheet for waterproofing
7. Flexible sheet for waterproofing
8. Timber frame 145x45mm with mineral insulation 100mm+50mm
ρ=0,3 kg/m³ λ=0,042 W/mK
9. Vapor barrier membrane
10. OSB 12мм
11. Gypsum fireboard 12,5mm
12. Gypsum fireboard 12,5mm



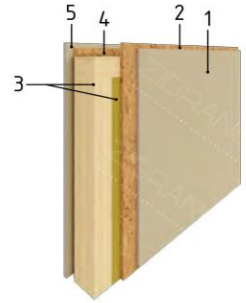
3. Separating wall

Construction of separating wall
Both sides Gypsum fireboard

3.1

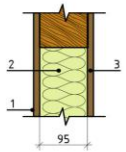


1. Gypsum fireboard 12,5mm
2. OSB 12мм
3. Timber frame 95x45mm with mineral wool insulation 100mm ρ=0,3 kg/m³ λ=0,042 W/mK
4. OSB 12мм
5. Gypsum fireboard 12,5mm

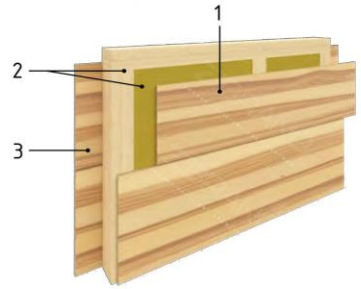


Construction of separating wall
Both sides of chipboard

3.2

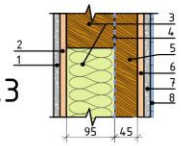


1. Laminated Chipboard 16mm
2. Timber frame 95x45mm with mineral wool insulation 100mm ρ=0,3 kg/m³ λ=0,042 W/mK
3. Laminated Chipboard 16mm

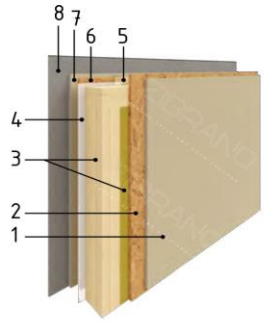


Construction of separating wall
Bathroom

3.3

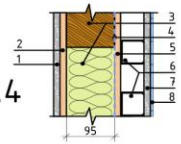


1. Gypsum fireboard 12,5mm
2. OSB 12мм
3. Timber frame 95x45mm with mineral wool insulation 100mm ρ=0,3 kg/m³ λ=0,042 W/mK
4. Vapor barrier membrane
5. Timber Stud 45x45 with additional insulation of 50 mm
6. OSB 12мм
7. Moisture-resistant plasterboard 12,5mm
8. Ceramic tiles 9mm

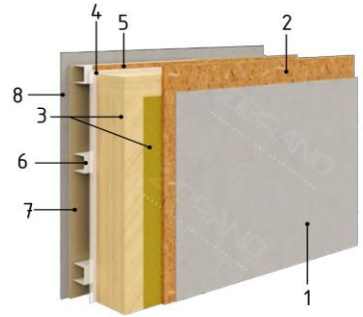


Construction of separating wall
Bathroom

3.4



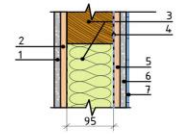
1. Gypsum fireboard 12,5mm
2. OSB 12мм
3. Timber frame 95x45mm with mineral wool insulation 100mm ρ=0,3 kg/m³ λ=0,042 W/mK
4. Vapor barrier membrane
5. OSB 12мм
6. Aluminium profile 60mm
7. Moisture-resistant plasterboard 12,5mm
8. Ceramic tiles 9mm



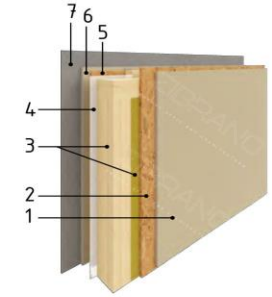
Architectural solutions album

Construction of separating wall
Bathroom

3.5

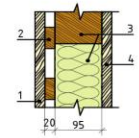


1. Gypsum fireboard 12,5mm
2. OSB 12мм
3. Timber frame 95x45mm with mineral wool insulation 100mm ρ=0,3 kg/m³ λ=0,042 W/mK
4. Vapor barrier membrane
5. OSB 12мм
6. Moisture-resistant plasterboard 12,5mm
7. Ceramic tiles 9mm

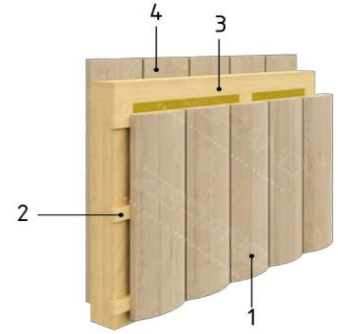


onstruction of separating wall frame 95x45mm
Both sides painted vertical wood cladding.

3.6

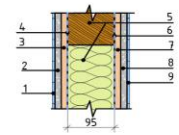


1. Painted vertical wood cladding 18mm
2. Timber Rail 20x40mm
3. Timber frame 95x45mm with mineral wool insulation 100mm ρ=0,3 kg/m³ λ=0,042 W/mK
4. Painted vertical wood cladding 18mm

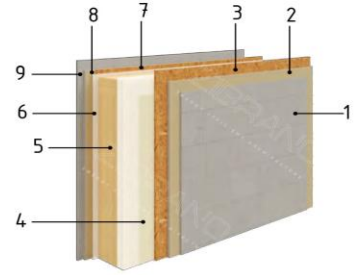


Construction of separating wall
Bathroom

3.7

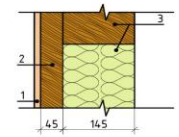


1. Ceramic tiles 9mm
2. Moisture-resistant plasterboard 12,5mm
3. OSB 12мм
4. Vapor barrier membrane
5. Timber frame 95x45mm with mineral wool insulation 100mm ρ=0,3 kg/m³ λ=0,042 W/mK
6. Vapor barrier membrane
7. OSB 12мм
8. Moisture-resistant plasterboard 12,5mm
9. Ceramic tiles 9mm

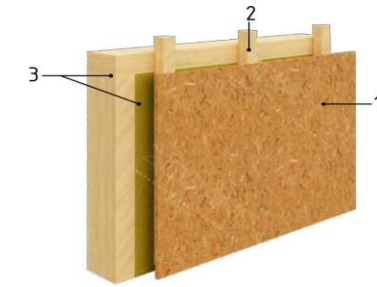


Construction of Attic wall

3.8



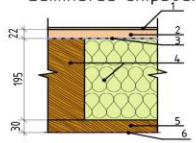
1. OSB 12мм
2. Timber Stud 45x45
3. Timber frame 145x45mm with mineral wool insulation 100mm ρ=0,3 kg/m³ λ=0,042 W/mK



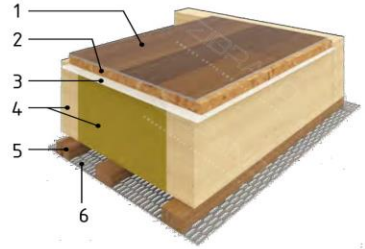
4. Floors

Floor construction.
Covering – Linoleum PVC/
Laminated Chipboard.

4.1

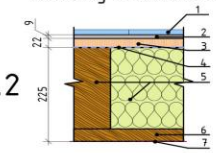


1. Linoleum PVC 4mm / Laminated Chipboard 12mm
2. Structural wood board OSB-3-22мм
3. Vapor barrier membrane
4. Timber frame 195mm with mineral wool insulation 100+100mm ρ=0,3 kg/m³ λ=0,042 W/mK
5. Timber Stud 30x50 мм
6. Metal mesh against rodents

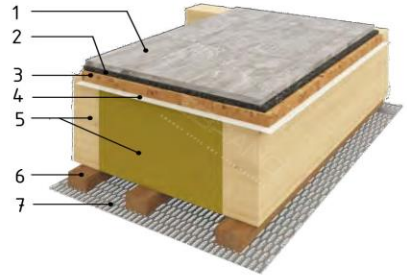


Construction Floors of wet rooms.
Covering – Ceramic tiles.

4.2

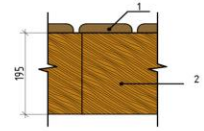


1. Ceramic tiles 12mm
2. Magnesite layer 9mm
3. Structural wood board OSB-3-22мм
4. Flexible sheet for waterproofing
5. Timber frame 195mm with mineral wool insulation 100+100mm ρ=0,3 kg/m³ λ=0,042 W/mK
6. Timber Stud 30x50 мм
7. Metal mesh against rodents

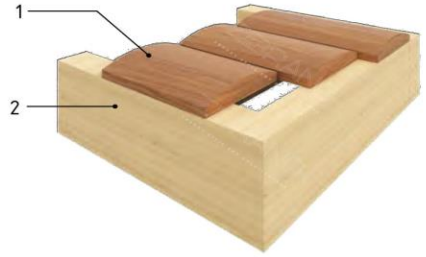


Terrace construction.
The covering is a terrace board.

4.3

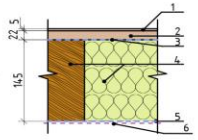


1. Terrace board
2. Timber frame 195mm

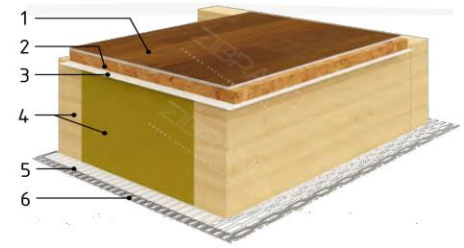


Floor construction frame 145x45mm.
Covering – Linoleum PVC.

4.4



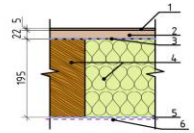
1. Linoleum PVC 4mm+glue
2. OSB-3-22мм
3. Vapor barrier
4. Timber frame 145x45mm with mineral wool insulation 150mm ρ=0,3 kg/m³ λ=0,042 W/mK
5. Flexible sheet for waterproofing
6. Galvanaized rodent net



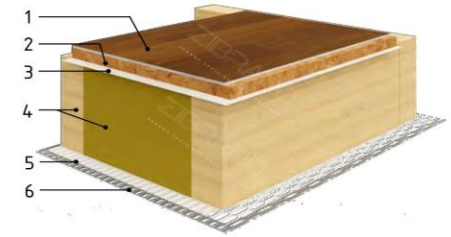
Architectural solutions album

Floor construction frame 195x45mm.
Covering – Linoleum PVC.

4.5

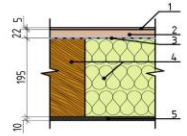


1. Linoleum PVC 4mm+glue
2. OSB-3-22мм
3. Vapor barrier
4. Timber frame 195x45mm with mineral wool insulation 200mm ρ=0,3 kg/m³ λ=0,042 W/mK
5. Flexible sheet for waterproofing
6. Galvanaized rodent net



Floor construction frame 195x45mm.
Covering – Linoleum PVC.

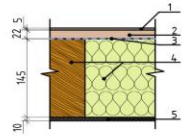
4.6



1. Linoleum PVC 4mm+glue
2. OSB-3-22мм
3. Vapor barrier
4. Timber frame 195x45mm with mineral wool insulation 200mm ρ=0,3 kg/m³ λ=0,042 W/mK
5. Cement-bonded particleboard(CSP) 10mm

Floor construction frame 145x45mm.
Covering – Linoleum PVC.

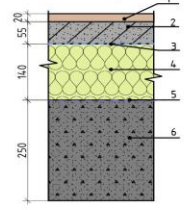
4.7



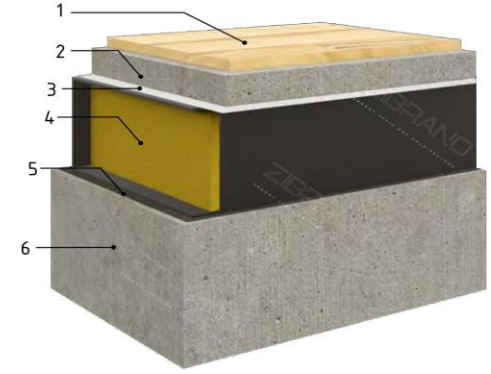
1. Linoleum PVC 4mm+glue
2. OSB-3-22мм
3. Vapor barrier
4. Timber frame 145x45mm with mineral wool insulation 150mm ρ=0,3 kg/m³ λ=0,042 W/mK
5. Cement-bonded particleboard(CSP) 10mm

Floor construction
Covering – Linoleum PVC/
Laminated chipboard.

4.8

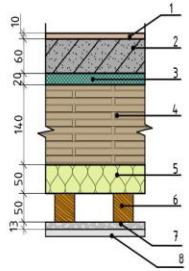


1. Flooring 20mm
2. Cement-Sand Screed 55mm
3. Polyethylene Vapor Barrier
4. PUR/PIR insolated panels 140mm
5. Bitumen Sealant two layers
6. Cast-in-Place Concrete Slab 250mm

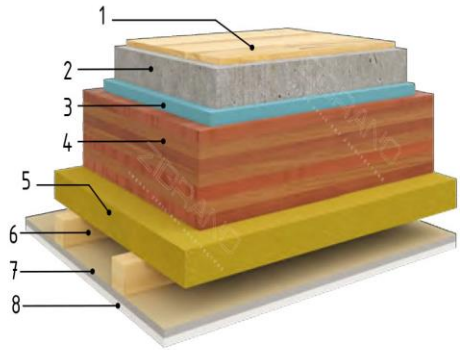


:loor construction CLT panels 140mm.
Covering - Linoleum PVC.

4.9

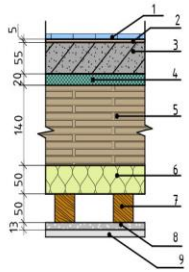


1. Linoleum PVC 6mm+glue 4mm
2. Cement-Sand Screed 60mm
3. Soundproofing 20mm
4. CLT Cross laminated Timber construction 140mm
5. Soundproofing 50mm
6. Timber Rail 45x50 мм
7. Gypsum fireboard 12,5mm
8. Ceiling covering 2,5

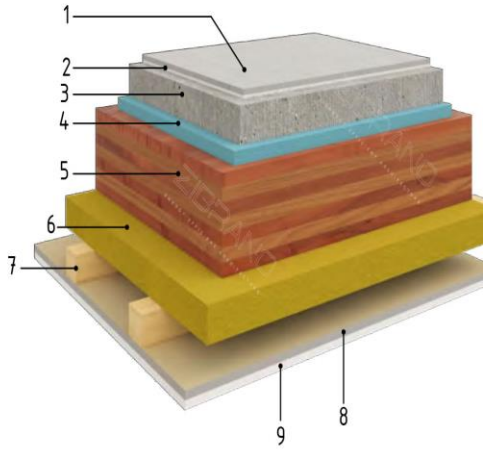


:loor construction CLT panels 140mm.
Covering - Ceramic tiles.

4.10

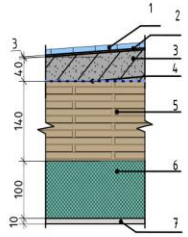


1. Ceramic tiles 9mm
2. Glue 5mm
3. Cement-Sand Screed 55mm
4. Soundproofing 20mm
5. CLT Cross laminated Timber construction 140mm
6. Soundproofing 50mm
7. Timber Rail 45x50 мм
8. Gypsum fireboard 12,5mm
9. Ceiling covering 2,5

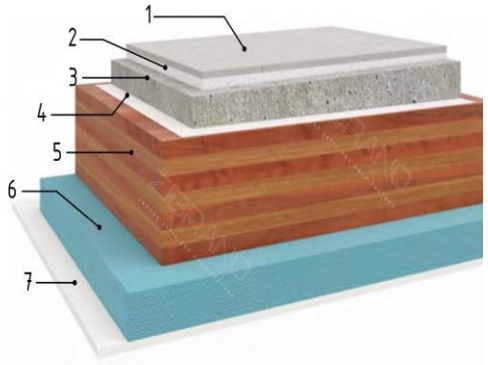


:loor construction CLT panels 140mm.
Covering - Ceramic tiles.

4.11



1. Ceramic tiles 9mm
2. Glue 3mm
3. Cement-Sand Screed with slope 40mm
4. Flexible sheet for waterproofing
5. CLT Cross laminated Timber construction 140mm
6. Stone mineral insolution 100mm ρ=1,35 kg/m^3
7. Render finish/Reinforcing coat 10mm

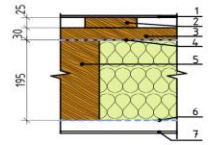


Architectural solutions album

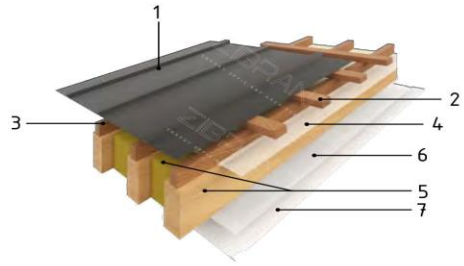
5. Roofs

Roof construction.
Covering - Profiled steel sheet.
The ceiling is stretch

5.1

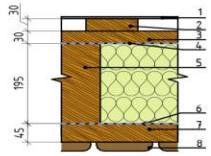


1. Seam roof
2. Timber Rail 30x50 мм
3. Timder Stud 30x50 mm
4. Flexible sheet for waterproofing
5. Timber frame 195mm with mineral wool insulation 100+100mm ρ=0,3 kg/m^3 λ=0,042 W/mK
6. Vapor barrier membrane
7. Stretch ceiling

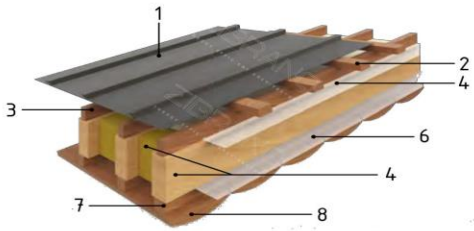


Roof construction.
Covering - Profiled steel sheet.
The ceiling is wood lining

5.2

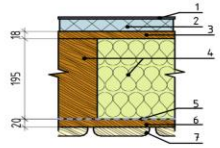


1. Seam roof
2. Timber Rail 30x50 мм
3. Timder Stud 30x50 mm
4. Flexible sheet for waterproofing
5. Timber frame 195mm with mineral wool insulation 100+100mm ρ=0,3 kg/m^3 λ=0,042 W/mK
6. Vapor barrier
7. Timder Stud 45x45mm
8. Painted wood cladding 18mm

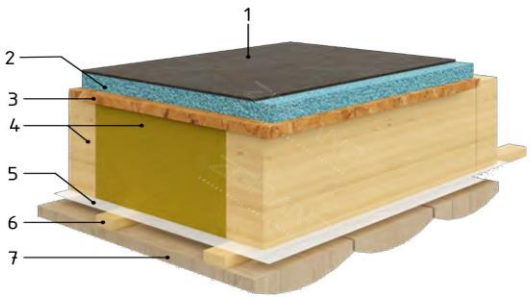


Roof construction frame 195x45mm.
Covering - EPDM membrane.
The ceiling is Painted wood cladding.

5.3

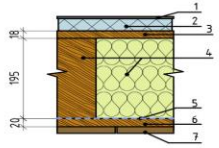


1. EPDM membrane
2. Expanded polystyrene(EPS) λ≥0.034 insulation 60,80,100,120,140,160,180,200,240,280,320mm
3. OSB 18mm
4. Timber frame 195x45mm with mineral wool insulation 200mm ρ=0,3 kg/m^3 λ=0,042 W/mK
5. Vapor barrier
6. Timber Rail 20x40mm
7. Painted wood cladding 18mm



Roof construction frame 145x45mm.
Covering - EPDM membrane.
The ceiling is Painted wood cladding.

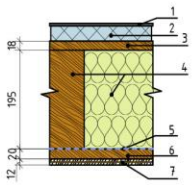
5.4



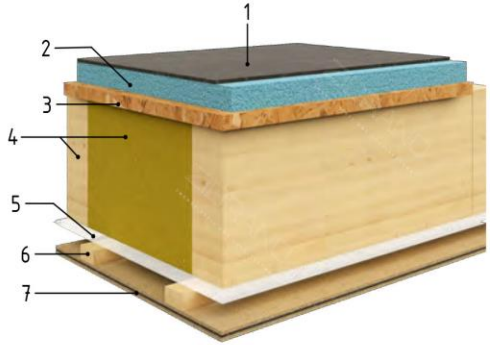
1. EPDM membrane
2. Expanded polystyrene(EPS) λ≥0.034 insulation 60,80,100,120,140,160,180,200,240,280,320mm
3. OSB 18mm
4. Timber frame 195x45mm with mineral wool insulation 200mm ρ=0,3 kg/m^3 λ=0,042 W/mK
5. Vapor barrier
6. Timber Rail 20x40mm
7. Laminated Chipboard 16mm

Roof construction frame 145x45mm.
Covering - EPDM membrane.
The ceiling is Painted wood cladding.

5.5

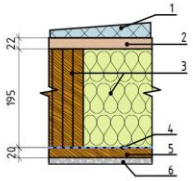


1. EPDM membrane
2. Expanded polystyrene(EPS) λ≥0.034 insulation 60,80,100,120,140,160,180,200,240,280,320mm
3. OSB 18mm
4. Timber frame 195x45mm with mineral wool insulation 200mm ρ=0,3 kg/m³ λ=0,042 W/mK
5. Vapor barrier
6. Timber Rail 20x40mm
7. Painted Marine Plywood 12mm

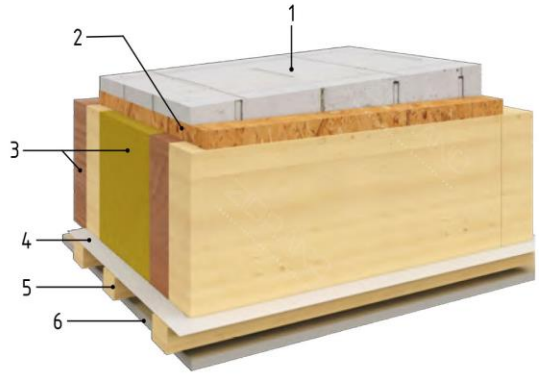


Roof construction compound Beam 290x45mm.
Covering - Tapered Insolation plates
The ceiling is Gypsum fireboard.

5.6

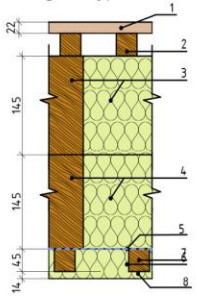


1. Tapered Insulation
2. OSB 22mm
3. Compound Timber Beam 45x290mm with mineral wool insulation 300mm ρ=0,3 kg/m³ λ=0,042 W/mK
4. Foil Insulation
5. Timber Rail 30x45mm
6. Gypsum fireboard 12,5mm

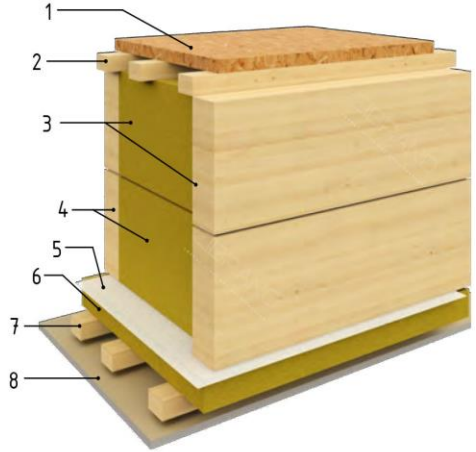


Roof construction Slope battens 145x45mm.
Covering - OSB 22mm
The ceiling is Gypsum fireboard.

5.7



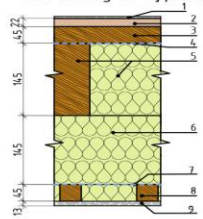
1. OSB 22mm
2. Timber Rail 45x45mm
3. Timber Slope battens 145x45mm with mineral wool insulation 150mm ρ=0,4 kg/m³
4. Timber Slope battens 145x45mm with mineral wool insulation 150mm ρ=0,4 kg/m³
5. Vapor barrier
6. Mineral wool insulation 50mm ρ=0,4 kg/m³
7. Timber Rail 45x45mm
8. Gypsum fireboard 12,5mm



Architectural solutions album

Roof construction Slope battens 145x45mm.
Covering - Bitumen Membrane
The ceiling is Gypsum fireboard.

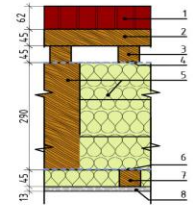
5.8



1. Bitumen Membrane 6mm
2. OSB 22mm
3. Timber Rail 45x45mm
4. Flexible sheet for waterproofing
5. Timber Slope battens 145x45mm with mineral wool insulation 150mm ρ=0,4 kg/m³
6. Bottom Chord battens 145x45mm with mineral wool insulation 150mm ρ=0,4 kg/m³
7. Foil Insulation
8. Timber Rail 45x45mm with mineral wool insulation 50mm ρ=0,4 kg/m³
9. Gypsum fireboard 12,5mm

Roof construction Slope battens 290x45mm.
Covering - Roof Tile
The ceiling is Gypsum fireboard.

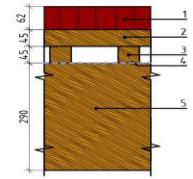
5.9



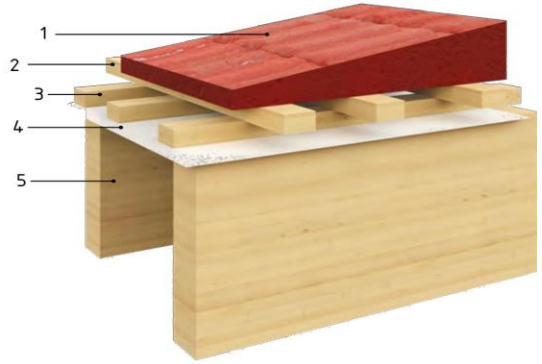
1. Clay Roof Tile 62mm
2. Timber Rail 45x45mm
3. Timber Rail 45x45mm
4. Flexible sheet for waterproofing
5. Timber Slope battens 290x45mm with mineral wool insulation 300mm ρ=0,4 kg/m³
6. Foil Insulation
7. Timber cross rail 45x45mm with mineral wool insulation 50mm ρ=0,4 kg/m³
8. Gypsum fireboard 12,5mm

Roof construction Slope battens 290mm.
Covering - Roof Tile
The ceiling is Gypsum fireboard.

5.10



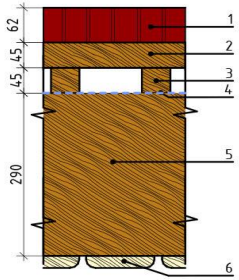
1. Clay Roof Tile 62mm
2. Timber Rail 45x45mm
3. Timber Rail 45x45mm
4. Flexible sheet for waterproofing
5. Timber Slope battens 290x45mm



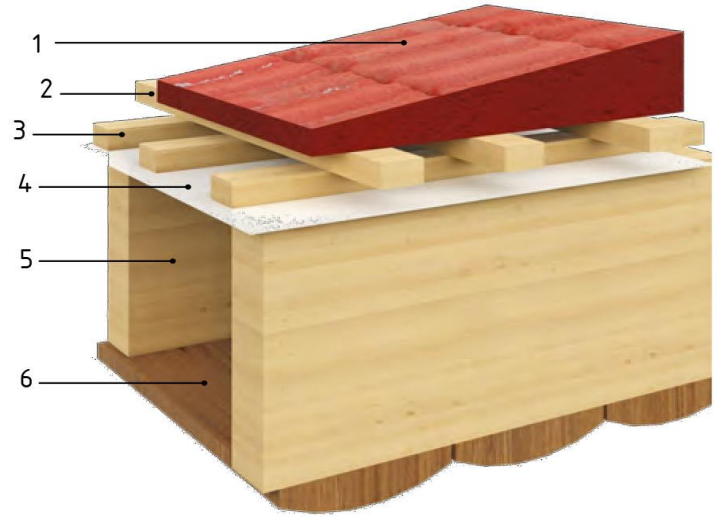
Architectural solutions album

Roof construction Slope battens 290mm.
Covering – Roof Tile
The ceiling is Painted wood cladding.

5.11

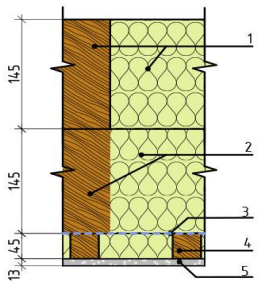


1. Clay Roof Tile 62mm
2. Timber Rail 45x45mm
3. Timber Rail 45x45mm
4. Flexible sheet for waterproofing
5. Timber Slope battens 290x45mm
6. Painted wood cladding 18mm

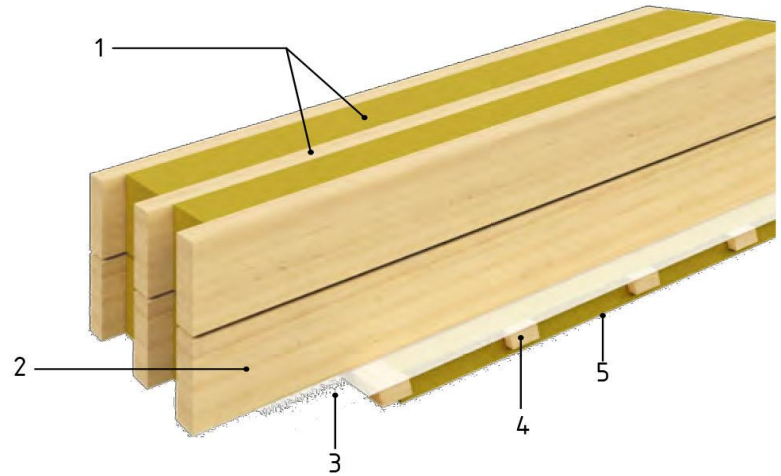


Roof construction Slope battens 145x45mm.
The ceiling is Gypsum fireboard.

5.12



1. Timber Slope battens 145x45mm with mineral wool insulation 150mm ρ=0,4 kg/m^3
2. Timber Slope battens 145x45mm with mineral wool insulation 150mm ρ=0,4 kg/m^3
3. Vapor barrier
4. Timber Rail 45x45mm with mineral wool insulation 50mm ρ=0,4 kg/m^3
5. Gypsum fireboard 12,5mm



CERTSYSTEMS

CERTIFICATE

Occupational Health and Safety Management System

"ZIBRANO"

LIMITED LIABILITY COMPANY

Ukraine, 01103, Kyiv, Mykhailo Drahomyrov street, building 15-A, office 2
Code 44612000

Certification body "CERTSYSTEMS" confirms that the Occupational Health and Safety Management System of the aforementioned organization is verified and complies with the requirements of the international standard

ISO 45001:2018 «Occupational health and safety management systems. Requirements with guidance for use»
INTERNATIONAL STANDARD

Certification scope:

41.20 Construction of residential and non-residential buildings; 41.10 Organization of building construction; 43.29 Other construction and assembly works; 43.32 Installation of carpentry; 43.34 Painting and glazing; 43.91 Roofing works; 16.21 Production of plywood, wooden plates and panels, veneer; 71.11 Activities in the field of architecture; 71.12 Activities in the field of engineering, geology and geodesy, provision of technical consulting services in these areas; 74.10 Specialized design activities

Date of Certification: 22.09.2023
Date of Expiry: 22.09.2026

Subject to annual approval:
2024 – till 22.09.2024
2025 – till 22.09.2025

The validity of the certificate is verified using a QR code or on the website euro-cert.net

Head of Certification body Y. Petrov

Україна • Товариство з обмеженою відповідальністю «СЕРТСИСТЕМС» Ідентифікаційний код 42955467

ECS

Registered in the Certification System Registry
EUROCERT SYSTEM
certificate № ECS.UA.02.3878 dated 22.09.2023

CERTSYSTEMS

CERTSYSTEMS

CERTIFICATE

Environmental Management Systems

"ZIBRANO"

LIMITED LIABILITY COMPANY

Ukraine, 01103, Kyiv, Mykhailo Drahomyrov street, building 15-A, office 2
Code 44612000

Certification body "CERTSYSTEMS" confirms that the environmental management systems (EMS) of the aforementioned organization is verified and complies with the requirements of the international standard

ISO 14001:2015 «Environmental management systems. Requirements and guidance for use»
INTERNATIONAL STANDARD

Certification scope:

41.20 Construction of residential and non-residential buildings; 41.10 Organization of building construction; 43.29 Other construction and assembly works; 43.32 Installation of carpentry; 43.34 Painting and glazing; 43.91 Roofing works; 16.21 Production of plywood, wooden plates and panels, veneer; 71.11 Activities in the field of architecture; 71.12 Activities in the field of engineering, geology and geodesy, provision of technical consulting services in these areas; 74.10 Specialized design activities

Date of Certification: 22.09.2023
Date of Expiry: 22.09.2026

Subject to annual approval:
2024 – till 22.09.2024
2025 – till 22.09.2025

The validity of the certificate is verified using a QR code or on the website euro-cert.net

Head of Certification body Y. Petrov

Україна • Товариство з обмеженою відповідальністю «СЕРТСИСТЕМС» Ідентифікаційний код 42955467

ECS

Registered in the Certification System Registry
EUROCERT SYSTEM
certificate № ECS.UA.02.3877 dated 22.09.2023

CERTSYSTEMS

We have 2 powerful factories that work on advanced technologies.

Zibrano Group includes three companies: Zibrano, Zibrano Buro, Zibrano Poland Sp. z o. o.

The company Zibrano BURO is engaged in the development of architectural project, construction documentation, design projects.

Zibrano Poland Sp. z o.o. is engaged in the development of architectural and design projects, as well as the direct implementation of projects on the territory of the European Union.

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FACTORY

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