

Two-storey residential house

Total area, m2	132,00
Total cost with assembly	€ 137 344
Price per m2	€ 1 040

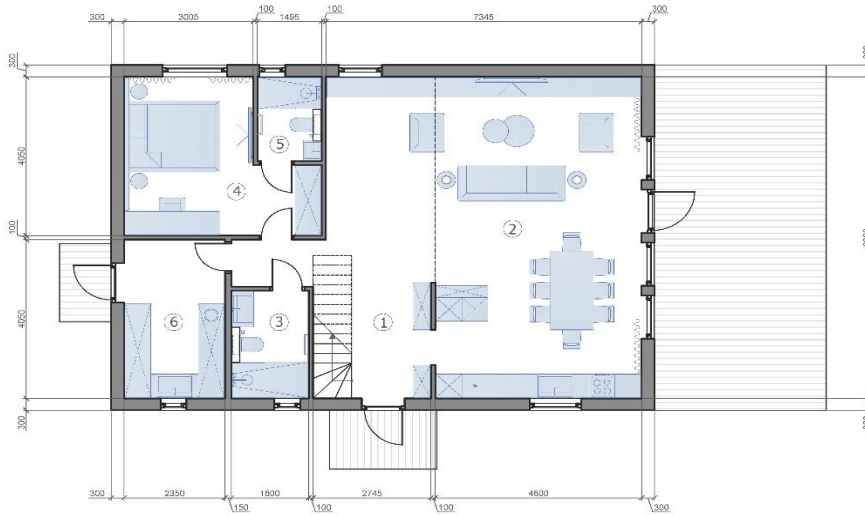
Included in the price: Building, windows and exterior doors, shutters, installation, exterior finishing and roofing.

Not included: Foundation, delivery, crane and scaffolding, interior finishing, electrical wiring, water supply, sewerage, heating and air conditioning.

House - 2 floors, 3 bedrooms, 3 bathrooms, living room studio 49.3 m2, technical room.

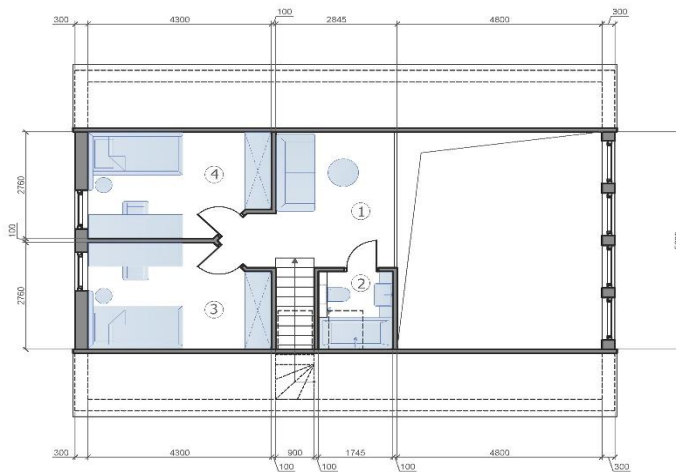


1st floor plan. 1:75 (A-3)



ROOM LAYOUT		
Nº	room name	area, m2
1	Hallway	13,4
2	Living room studio	49,3
3	Bathroom	5,0
4	Bedroom	15,0
5	Bathroom	3,1
6	Technical room	9,5
floor area		95,3
house area		132,7

2nd floor plan. 1:75 (A-3)



ROOM LAYOUT		
Nº	room name	area, m2
1	Hall	11,7
2	Bathroom	3,5
3	Bedroom	11,1
4	Bedroom	11,1
floor area		37,4
house area		132,7

Two-storey residential house

Timber frame-panel construction set

Thermal transmission losses through the external structures of the house (external walls, roof, windows and doors) comply with KfW Effizienzhaus 40+

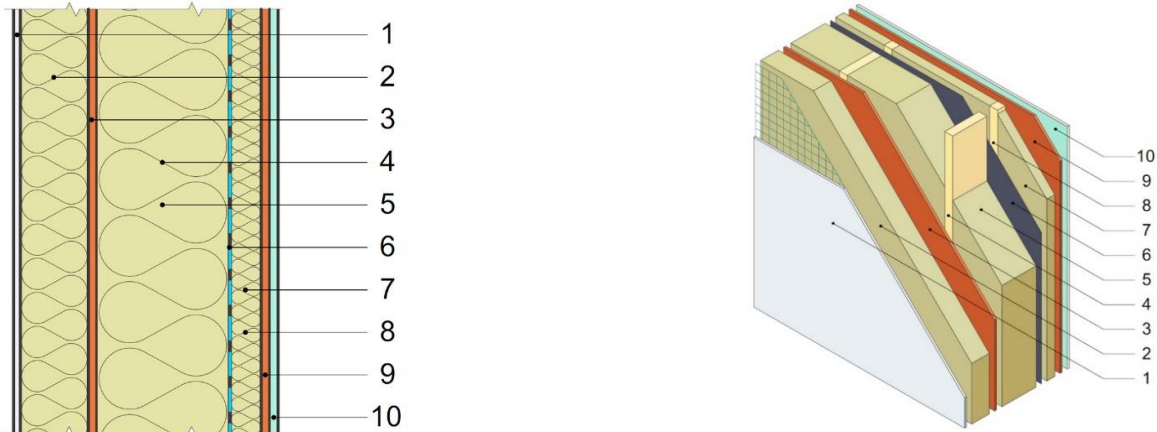
Energy efficiency U, W/m²K, max. 0,15

Internal house area, m² 132

	Thickness, mm	U, W/m ² K	Area, m ² / Number, pcs	Price, m ² /price, pcs	Total
Exterior walls, plaster, painting:					
IZOVAT basalt insulation, OSB 3, beams, plasterboard, finishing	387	0,11	119,50	€ 152	€ 18 216
Partitions:					
IZOVAT basalt insulation, OSB 3, beams, plasterboard	144	0,36	110,30	€ 104	€ 11 514
Ceilings:					
IZOVAT basalt insulation, OSB 3, beams, plasterboard	310	0,15	39,10	€ 148	€ 5 796
Pitched roof:					
IZOVAT basalt insulation, OSB 3, beams, plasterboard	413	0,11	273,10	€ 150	€ 40 978
Windows, roller shutters:					
Rehau Synego profile Automatic overhead window slides	-	0,68	28,10	€ 597	€ 16 767
Facade and roof finishing materials:					
decorative facade plaster, facade paint, ceramic tiles, drainage system			132,00	€ 130	€ 17 145
Assembly of the house frame			132,00	€ 85	€ 11 220
Exterior finishing of the facade and roof			132,00	€ 119	€ 15 708
Total cost with assembly				€	137 344
Price per m² of internal area				€	1 040

Exterior walls - plaster facade

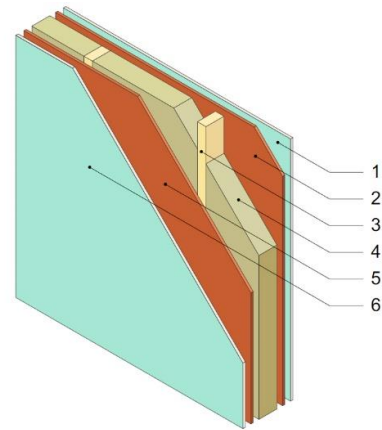
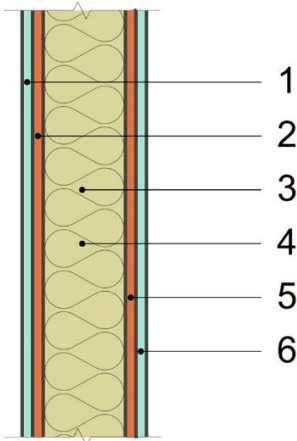
Thickness, mm	386,60
Energy efficiency U, W/m ² K	0,11
Area, m ²	147,60
Openings, m ²	28,10
Calculation area, m²	119,50



Materials	Thickness, mm
Ceresit CT 85 FLEX Mortar facade plaster	10,00
Ceresit CT325 Glass-Fibre Mesh 160 g /m ²	1
Basalt insulation material IZOVAT, 135 kg/m ³ 100 mm	2
OSB 3 Egger 12 mm	3
Beam 45*195 mm C24 CE	4
Basalt insulation material IZOVAT, 40 kg/m ³ 100 mm	5
Basalt insulation material IZOVAT, 40 kg/m ³ 100 mm	195,00
Vapour barrier	6
Basalt insulation material IZOVAT, 40 kg/m ³ 50 mm	7
Lath 45x45 mm	8
OSB 3 Egger 12 mm	9
Plasterboard	10
Total thickness, mm	386,60
Total cost	€ 18 216,00
Price per m² calculated area	€ 152,44

Partitions

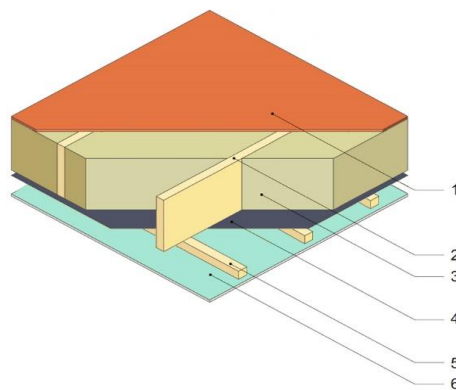
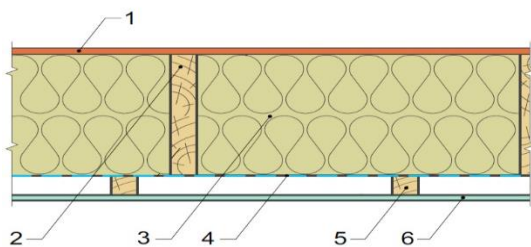
Thickness, mm	144,00
Energy efficiency index, U, W/m ² K	0,36
Area, m ²	123,10
Openings, m ²	12,80
Calculation area, m²	110,30



Materials	Thickness, mm	
Plasterboard	1	12,50
OSB 3 Egger 12 mm	2	12,00
Beam 45*95 mm C24 CE	3	95,00
Basalt insulation material IZOVAT, 40 kg/m ³ 100 mm	4	
OSB 3 Egger 12 mm	5	12,00
Plasterboard	6	12,50
Total thickness, mm		144,00
Total cost	€	11 513,73
Price per m² calculated area	€	104,39

Ceilings

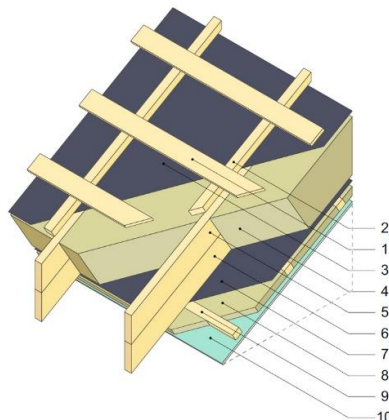
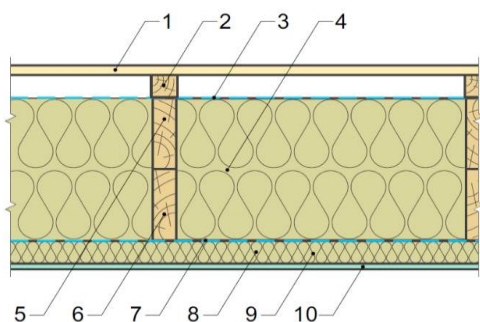
Thickness, mm	309,60
Energy efficiency index, U, W/m ² K	0,15
Area, m ²	39,10
Openings, m ²	0,00
Calculation area, m²	39,10



Materials	Thickness, mm	
OSB 3 Egger 22 mm	1	22,00
Glued beam 45*2*245 mm C24 CE	2	
Basalt insulation material IZOVAT, 40 kg/m ³ 100 mm	3	245,00
Basalt insulation material IZOVAT, 40 kg/m ³ 100 mm		
Basalt insulation material IZOVAT, 40 kg/m ³ 50 mm		
SIGA MajRex vapour barrier	4	0,10
Lath 30x45 mm	5	30,00
Knauf plasterboard	6	12,50
Total thickness, mm		309,60
Total cost	€	5 795,71
Price per m² calculated area	€	148,23

Pitched roof

Thickness, mm	412,70
Energy efficiency index, U, W/m ² K	0,11
Calculation area, m²	273,10



Materials	Thickness, mm	
Lath 20x100 mm	1	20,00
Lath 45x50 mm	2	45,00
Super defusion membrane	4	0,10
Beam 45*145 mm C24 CE	5	
Beam 45*145 mm C24 CE	6	
Basalt insulation material IZOVAT, 40 kg/m ³ 100 mm		290,00
Basalt insulation material IZOVAT, 40 kg/m ³ 100 mm	7	
Basalt insulation material IZOVAT, 40 kg/m ³ 100 mm		
Vapour barrier	8	0,10
Basalt insulation material IZOVAT, 40 kg/m ³ 50 mm	9	45,00
Lath 45x50 mm	10	
Plasterboard	11	12,50
Total thickness, mm		412,70
Total cost	€	40 978,28
Price per m² calculated area	€	150,05

Windows

Calculation area, m²

28,10



Materials

Rehau Synego window profile (installation in wall panels included)

Profile thickness 80mm (depends on window openings)	€	11 530,57
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Glazing 4i-16ArTep-4-16ArTep-4i, 44mm Ug=0.57 W/m ² K		
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Fittings MACO, G-U		
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Alenor sealing tapes	€	600,13
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Aluminium window sills	€	315,72
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Automatic window slides, anthracite colour	€	4 320,90
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Average heat losses of window constructions Uw, W/m ² K 0.68		
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Total cost	€	16 767,32
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Price per m² calculated area	€	596,70
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Facade and roof finishing

Calculated facade area, m ²	155,35
Calculated roof area, m ²	273,10



Materials

Decorative facade plaster	€	3 649,55
Facade paint	€	663,56
Ceramic roof tiles (set)	€	9 332,06
Drainage system	€	3 499,52
Total cost	€	17 144,69
