No.	Item	Mark	Unit	Model	+%	Order
1. FOUNDATION						
	INSULATED SLAB FOUNDATION G-1					
1	Crushed gravel 16–32, compacted base PS-1 300 mm	PS-1	m³	60.0	—	60.0
2	Geotextile 150 g/m²	PS-1	m²	160.0	15	184.0
3	XPS 300 boards 100 mm under the slab, 3 layers	G-1	m²	480.0	10	528.0
4	XPS 300 boards 100 mm frost skirt SI-1	SI-1	m²	55.0	10	60.5
5	PE film 0.2 mm	G-1	m²	160.0	15	184.0
6	Concrete C25/30 for the slab and the edge beam	G-1	m³	20.0	3	20.6
7	Reinforcing mesh Ø8 150×150	G-1	m²	176.0	—	176.0
8	Reinforcement B500B for the edge beam R-1 (4 Ø12, links Ø8/300)	R-1	kg	248	7	266
9	XPS L-shaped edge formwork	G-1	m	52.0	—	52.0
10	Spacers, tie wire	G-1	set	1	—	1
2. WALLS AND FLOORS						
	EXTERNAL WALLS ĀS-1 (RENDER)					
11	AAC blocks 300 mm D400	ĀS-1	m³	18.7	5	19.7
12	Thin-joint mortar	ĀS-1	kg	467	—	467
13	AAC lintels 300 mm	ĀS-1	m	10.3	—	10.3
14	Facade stone wool 150 mm	ĀS-1	m²	62.2	5	65.4
15	Facade dowels	ĀS-1	pcs	373	—	374
16	U-blocks for the bond beam J-1	J-1	pcs	35	5	37
17	Concrete for the bond beam J-1	J-1	m³	0.8	3	0.9
18	Reinforcement of the bond beam J-1 (4 Ø12)	J-1	kg	74	7	80
	EXTERNAL WALLS ĀS-2 (LARCH)					
19	AAC blocks 300 mm D400	ĀS-2	m³	25.6	5	27.0
20	Thin-joint mortar	ĀS-2	kg	641	—	641
21	AAC lintels 300 mm	ĀS-2	m	14.1	—	14.1
22	Facade stone wool 150 mm	ĀS-2	m²	85.5	5	89.8
23	Facade dowels	ĀS-2	pcs	513	—	513
24	U-blocks for the bond beam J-1	J-1	pcs	48	5	51
25	Concrete for the bond beam J-1	J-1	m³	1.1	3	1.2
26	Reinforcement of the bond beam J-1 (4 Ø12)	J-1	kg	102	7	109
	EXTERNAL WALLS ĀS-1 (RENDER)					
27	Base coat	ĀS-1	kg	374	—	374
28	Glass fibre mesh	ĀS-1	m²	82.2	—	82.2
29	Render primer	ĀS-1	l	14.9	—	15.0
30	Thin decorative render 1.5 mm	ĀS-1	kg	187	—	187
31	Starter track	ĀS-1	m	31.2	10	34.3
	EAVES INFILL KS-1					
32	Frame C24 45×145	KS-1	m	37.4	10	41.2
33	Facade stone wool 150 mm	KS-1	m²	12.5	5	13.1
34	OSB boards 15 mm	KS-1	m²	12.5	10	13.8
	EXTERNAL WALLS ĀS-2 (LARCH)					
35	Wind barrier membrane	ĀS-2	m²	89.7	15	103.2
36	Ventilated battens 28×50	ĀS-2	m	149.5	10	164.5
37	Larch cladding boards 22×145	ĀS-2	m²	89.7	10	98.7
38	Facade oil for larch, 2 coats	ĀS-2	l	17.9	—	18.0
39	Stainless facade screws	ĀS-2	pcs	2242	—	2243
40	Batten fixing screws with plugs	ĀS-2	pcs	359	—	359
	PARTITIONS SS-1					
41	AAC blocks 100 mm D400	SS-1	m³	10.7	5	11.3
42	Thin-joint mortar	SS-1	kg	267	—	268
43	AAC lintels 100 mm	SS-1	m	7.2	—	7.2
44	Wall ties	SS-1	pcs	317	—	318
	ATTIC FLOOR BP-1					
45	Blown stone wool 400 mm	BP-1	m³	62.4	—	62.4
46	Blown stone wool over the external walls	SI-2/SI-2.1	m³	4.4	—	4.4
47	Vapour barrier membrane	BP-1	m²	135.6	15	156.0
48	Vapour barrier tape	BP-1	m	138.6	—	138.7
49	Service battens 25×50 under the trusses	BP-1	m	339.0	10	373.0
50	Attic hatch 600×1200 with a folding ladder, insulated, airtight (U≤ 0.6 W/m²K)	LK-1	pcs	1	—	1
51	OSB 18 upstand round the hatch to hold the loose-fill wool, h 470 mm	LK-1	m²	1.8	10	2.0
3. ROOF						
	TRUSSES K-1 AND WALL PLATE					
52	Timber trusses K-1, C24, factory-made, span 10 m, 30°	K-1	pcs	17	—	17
53	Wall plate ML-1 45×145 C24, treated	ML-1	m	31.4	10	34.6
54	Chemical anchors M12	ML-1	pcs	34	—	34
55	Bitumen damp-proof tape under the wall plate	ML-1	m	31.4	15	36.1
56	Galvanised angle brackets 90×90×65 with anchor nails	K-1	pcs	68	—	68
57	Truss bracing 45×95	K-1	m	58.0	10	63.8
	ROOF COVERING J-1					
58	Standing seam steel roofing RAL 7016	J-1	m²	222.3	10	244.6
59	Breathable roof membrane	J-1	m²	222.3	15	255.7
60	Counter battens along the trusses	J-1	m	247.0	10	271.8
61	Battens 25×100 with 20 mm gaps for standing seam	J-1	m²	222.3	10	244.6
62	Sheet-metal eave, verge and ridge flashings	J-1	m	77.5	10	85.3
63	Gutter Ø125 with brackets, RAL 7016	J-1	m	34.4	10	37.9
64	Downpipes Ø90 with bends	J-1	m	13.2	10	14.6
65	Snow guards	J-1	m	34.4	—	34.4
66	Perforated soffit vent strip with mesh	PA-2	m	34.4	—	34.4
67	Ventilated ridge roll under the ridge flashing	J-1	m	17.2	—	17.2
68	Gable vent grille with mesh 500×400	J-1	pcs	2	—	2
69	Eaves ventilation baffle between the trusses over the external walls	BP-1	pcs	36	—	36
70	Overhang soffit, painted boards RAL 7016	J-1	m²	32.6	10	36.0
71	Clips, screws and sealing tapes	J-1	set	1	—	1
4. WINDOWS AND DOORS						
	WINDOWS, DOORS, SILLS					
72	PVC window, triple glazed 3050×1500	L 3050x1500	m²	4.6	—	4.6
73	PVC window, triple glazed 1800×1500	L 1800x1500	m²	2.7	—	2.7
74	PVC window, triple glazed 1500×1500	L 1500x1500	m²	9.0	—	9.0
75	PVC window, triple glazed 1800×1200	L 1800x1200	m²	2.2	—	2.2
76	PVC window, triple glazed 1200×1500	L 1200x1500	m²	1.8	—	1.8
77	PVC window, triple glazed 500×2100	L 500x2100	m²	1.1	—	1.1
78	PVC window, triple glazed 900×600	L 900x600	m²	0.5	—	0.6
79	PVC window, triple glazed 600×600	L 600x600	m²	0.4	—	0.4
80	Interior window boards PVC 300 mm		m	16.4	10	18.1
81	External sheet-metal window sills RAL 7016		m	17.0	10	18.7
82	Fitting foam, sealing tapes		set	1	—	1
83	Entrance door, steel, insulated, no glass, thermally broken 1000×2100	D-1	pcs	1	—	1
84	Terrace entrance door, steel, insulated, no glass, thermally broken 1000×2100	D-3	pcs	1	—	1
85	Internal doors, timber, flush 800×2100	D-3	pcs	6	—	6
86	Door trims 20×70		m	65.2	10	71.8
5. SERVICES						
	HEATING: HEAT PUMP AND FLOOR HEATING					
87	Air-to-water heat pump 6 kW, indoor module, 200 l tank	AVK-1/AVK-2	set	1	—	1
88	Refrigerant lines, condensate, base, filter, expansion vessel	AVK-3	set	1	—	1
89	Floor heating pipe PE-RT 16×2	K1–K14	m	1106.0	10	1216.6
90	Floor heating manifold 14 outlets with flow meters and cabinet	AVK-4	pcs	1	—	1
91	Thermo-electric actuators	AVK-4	pcs	14	—	14
92	Room thermostats with wiring centre	AVK-3	pcs	9	—	9
93	Floor heating edge strip		m	141.5	—	141.5
94	Pipe clips and rails		m²	131.2	—	131.3
	VENTILATION WITH HEAT RECOVERY					
95	Heat recovery unit 180 m³/h, recovery≥ 80 %, ePM1 filters	AVK-2	pcs	1	—	1
96	Insulated ducts Ø125 (in the attic)	AVK-2	m	57.1	10	62.8
97	Duct bends, tees, silencers	AVK-2	set	1	—	1
98	Supply diffusers Ø125	AVK-2	pcs	6	—	6
99	Extract valves Ø125	AVK-2	pcs	3	—	3
100	Facade grille KV-1 with make-up air valve and roof deflector N2	AVK-2	set	1	—	1

No.	Item	Mark	Unit	Model	+%	Order
	WATER AND SEWER					
101	PVC sewer pipe Ø50	ŪK-1	m	6.1	10	6.8
102	PVC sewer pipe Ø110	ŪK-1	m	19.0	10	20.9
103	PE-X cold water pipe Ø16	ŪK-1	m	6.4	10	7.0
104	PE-X cold water pipe Ø20	ŪK-1	m	10.5	10	11.6
105	PE-X cold water pipe Ø25	ŪK-1	m	10.3	10	11.4
106	PE-X cold water pipe Ø32	ŪK-1	m	6.7	10	7.4
107	PE-X hot water pipe Ø16	ŪK-1	m	15.4	10	17.0
108	PE-X hot water pipe Ø20	ŪK-1	m	8.3	10	9.2
109	Fittings	ŪK-1	pcs	114	—	114
110	Pipe insulation 13 mm	ŪK-1	m	57.5	10	63.3
111	Water manifold with shut-off valves, filter, pressure reducer	ŪK-1	set	1	—	1
112	Bathtub 1700 with mixer and trap	ŪK-1	pcs	1	—	1
113	Shower enclosure 900×900 with tray and shower set	ŪK-1	pcs	1	—	1
114	Kitchen sink with mixer and trap	ŪK-1	pcs	1	—	1
115	WC with cistern and seat	ŪK-1	pcs	1	—	1
116	Washbasin with cabinet and mixer	ŪK-1	pcs	2	—	2
117	Washing machine connection (valve, trap)	ŪK-1	set	1	—	1
	ELECTRICAL					
118	Board SS-1, three-phase, 24 modules, RCDs, SPD	SS-1	pcs	1	—	1
119	Cable Cu 3×1.5 mm² (lighting)	EL-1	m	238.0	15	273.7
120	Cable Cu 3×2.5 mm² (sockets)	EL-1	m	288.0	15	331.2
121	Cable Cu 5×2.5 mm² (hob, heat pump, ventilation)	EL-1	m	45.0	15	51.8
122	Recessed LED downlights	EL-1	pcs	24	—	24
123	Switches	EL-1	pcs	10	—	10
124	Double sockets	EL-1	pcs	24	—	24
125	Power outlets and connections (hob, hood, fridge, washing machine, heat pump, ventilation)	EL-1	pcs	8	—	8
126	Stand-alone smoke detectors	EL-1	pcs	7	—	7
127	Outdoor wall luminaire LED, IP44	EL-1	pcs	1	—	1
128	Earthing electrode and equipotential bonding	EL-3	set	1	—	1
129	Boxes, flexible conduit, fixings	EL-1	set	1	—	1
	FIREPLACE KM-1					
130	Fireplace insert 5 kW with fireproof glass, external combustion air	KM-1	pcs	1	—	1
131	Insulated chimney Ø150/250, T600	KM-1	m	4.5	—	4.6
132	Chimney passages (ceiling, roof), collar and cap	KM-1	set	1	—	1
133	Combustion air duct Ø125, stainless, with cap	KM-1	set	1	—	1
134	Non-combustible hearth and fireplace cladding to the ceiling	KM-1	set	1	—	1
6. FINISHES						
	INTERIOR FINISHES					
135	Gypsum plaster on walls 10–15 mm		kg	4047	—	4048
136	Plasterboard 12.5 mm for the ceilings	BP-1	m²	135.6	10	149.2
137	Screws, joint tape, filler for the ceilings	BP-1	set	1	—	1
138	Interior paint for walls and ceilings, 2 coats		l	111.7	—	111.8
139	Laminate 8 mm AC4 with underlay	GS-1	m²	106.3	10	117.0
140	Floor tiles (hall, corridor, utility room)	GS-2	m²	15.6	10	17.2
141	Skirting boards		m	119.5	10	131.5
	BATHROOM					
142	Waterproofing of the floor and the walls in the shower zone		m²	15.6	10	17.2
143	Bathroom floor tiles		m²	9.4	10	10.3
144	Wall tiles to 2.10 m		m²	24.1	10	26.6
7. EXTERNAL WORKS						
	TERRACE TE-1					
145	Larch decking 28×145	TE-1	m²	25.3	10	27.8
146	Terrace joists and beams C24 45×145, treated	TE-1	m	65.7	10	72.4
147	Screw piles Ø76 with heads	TE-1	pcs	8	—	8
148	Decking screws A2 4.5×50	TE-1	pcs	682	10	751
	CANOPIES NJ-1, NJ-2					
149	Steel frame S235, hot-dip galvanised, powder coated RAL 7016	NJ-1/NJ-2	kg	542	—	543
150	Laminated safety glass 6+6 mm with fixings	NJ-2	m²	26.3	—	26.4
151	Larch soffit boards NJ-1	NJ-1	m²	3.1	10	3.5
152	Concrete for post footings 400×400×1000	NJ-2	m³	0.6	3	0.7
153	Gutter Ø100 and downpipe Ø80	NJ-2	m	11.0	10	12.2
	ENTRANCE PAVING IL-1					
154	Concrete pavers 60 mm	IL-1	m²	4.4	10	4.9
155	Crushed gravel base 200 mm	IL-1	m³	1.1	—	1.2
156	Sand bedding 50 mm	IL-1	m³	0.2	10	0.3
157	Concrete kerbs	IL-1	m	6.1	—	6.1

Quantities from the HSE-P130 v0.1 model by cost stage (as in the estimate); layers broken into purchasable materials per the basis in the CSV file. Waste covers cutting and laps. General list on sheet EN-AR-8. Pre-project level: the builder checks before ordering.

Pre-project — not permit documentation

Designer (company, reg. No. / name, certificate No.)
Construction specialist— to be confirmed (name, practice certificate No.)

Project, address
Detached house "Priede 130"— single-family dwelling, group II
Latvia, address and cadastral designation— to be confirmed

Drawing title
Bill of materials by stage

Drawn by	Stage	Scale	Date	Code, sheet
planpris	Sketch	—	14.09.2026	EN-AR-7
Discipline lead				sheet 7 of 8
—				