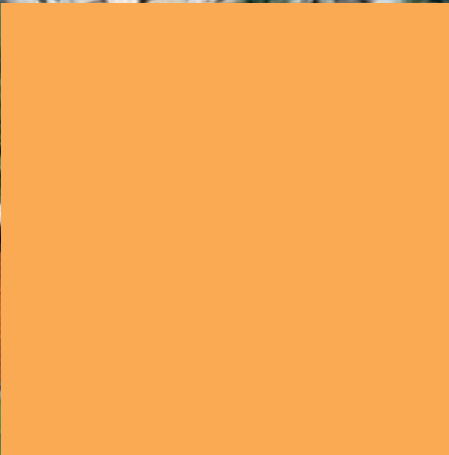


Dream collection



Lapponia House



The nature of Northern Europe and the arctic conditions create unique wonders



Lapponia House Oy is one of the leading log home manufacturers in Finland since 1981. Thermo Log Homes of Lapponia House are manufactured in Northern Finland. The houses are marketed throughout Finland and exported to several countries in Europe and Asia.

The factory/manufacturing is located in the city of Kemi in Northern Finland. The head office is in Southern Finland in the city of Vantaa, near the capital Helsinki.

The growth of Lapponia House market share is not only based on the appearance and space solutions of its homes, but also on its technological superiority over other log home companies, found in its Thermo Log Wall Construction. Particularly among single family home builders, the exceptional warmth and rigidity of Lapponia House Thermo Log Wall Construction has gained increasing popularity.

In 1997, Lapponia House Oy was recognised for its Thermo Log Wall Construction and innovative product design. The product was chosen by the VTT (Technical Research Centre of Finland) Group for Technology Studies from a list of 120 of the most significant Finnish product innovations.

Note! The photographs presented in this brochure may contain customised elements installed by customer.



Lapponia House



The Sunny Side of Life



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Lapponia House combines the appearance of traditional log homes and modern, high quality comfort.



Lapponia House

High quality material

The wood we use is close-grained red pine of Northern Finland. Log corners are heart timber.

No cracks or splits

Massive log walls split and crack almost always. The cracks collect dirt and dust inside. Outside they get filled with water, causing problems during the year. This does not appear in the walls of Lapponia House.



Never settling structure

You can decorate your home with freely chosen materials from tiles to wallpapers. The fixed furniture can reach up to the ceiling. No margins for settlement are needed.



Draughtless and soundproof walls

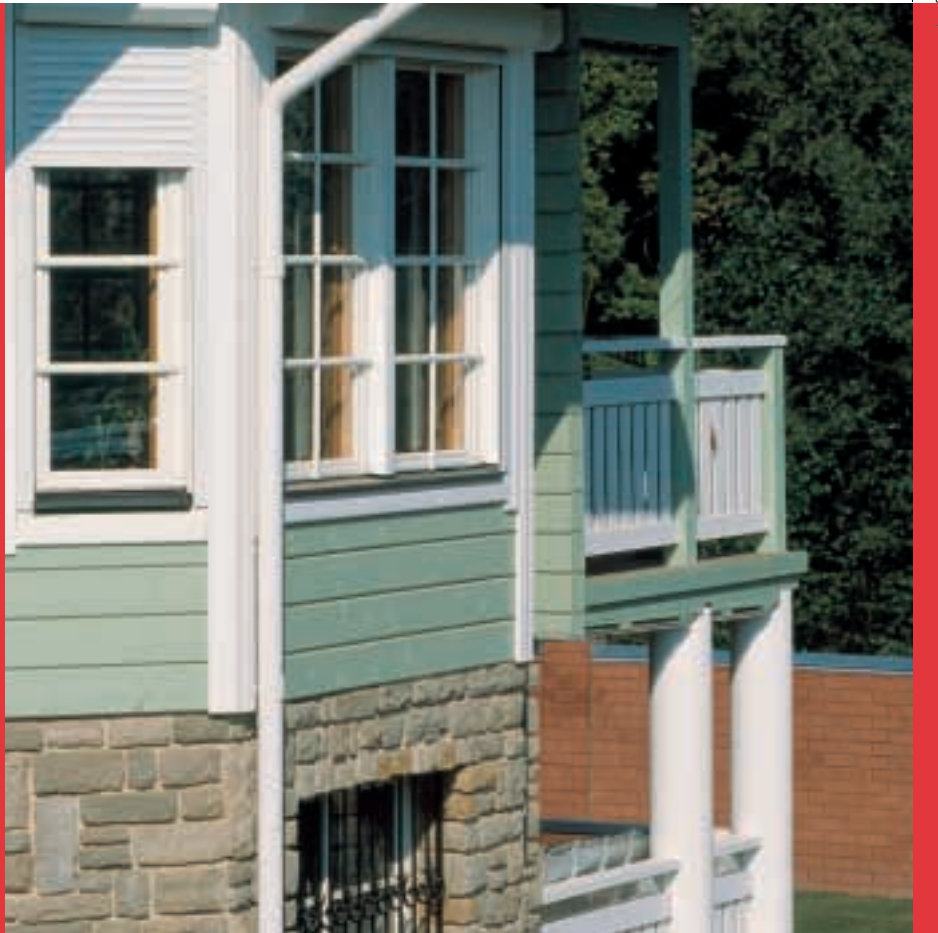
A windbreak board, used within the outside wall, prevents wind from blowing through the thermal insulation. The thick thermal insulation acts also as superb sound insulation.



Lapponia Houses keep their value

Lapponia House is a brand product, which is stable in value and an enjoyment to live in. Behind the comfort and lasting appreciation lies the technically superior Thermo Log construction.





Lapponia House settles beautifully into different environments, be it in a city, countryside or in the wilderness: you may choose the exterior as well as interior design from different options.



Lapponia House

PLANED LOG CORNER

Exterior cladding:

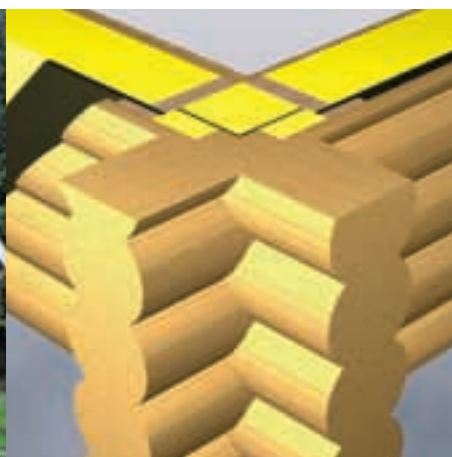
planed log panel 25 x 164 mm

Interior cladding:

planed log panel 18 x 164 mm or
gypsum board 13 mm

Log corners and terrace banisters:

planed log (94 x 164 mm) or
laminated log (136 x 164 mm)



ROUND LOG CORNER

Exterior cladding:

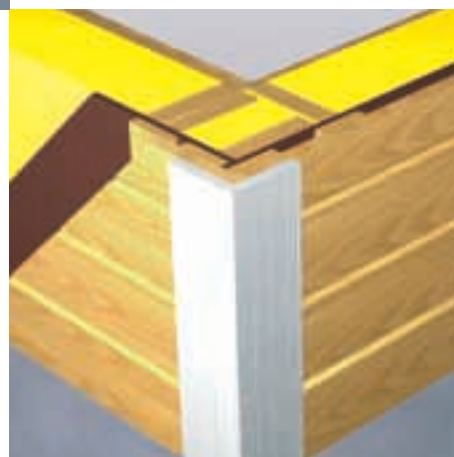
round log panel 47 x 158 mm

Interior cladding:

round log panel 47 x 158 mm or
gypsum board 13 mm

Log corners and terrace banisters:

round log 200 mm or
laminated round log 200 mm



ENCAPSULATED CORNER

Exterior cladding:

planed log panel 25 x 164 mm

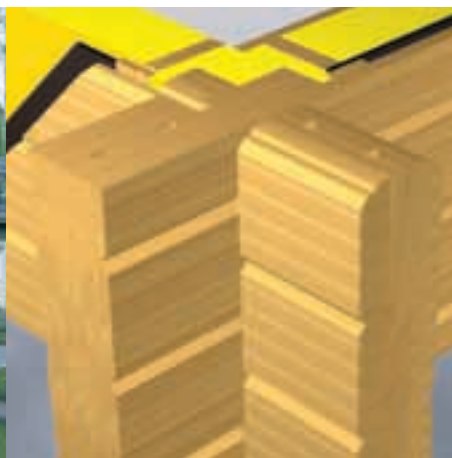
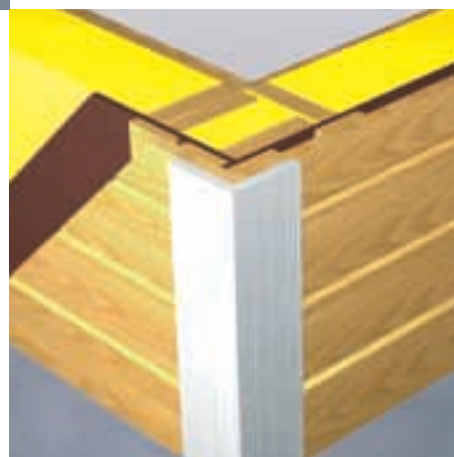
Interior cladding:

planed log panel 18 x 164 mm or
gypsum board 13 mm

Corners: profiled corner board 45 x 145 mm

Terrace banisters:

spindle or board decorate banisters



MEGA LOG CORNER

Exterior cladding:

planed mega log panel 33 x 256 mm

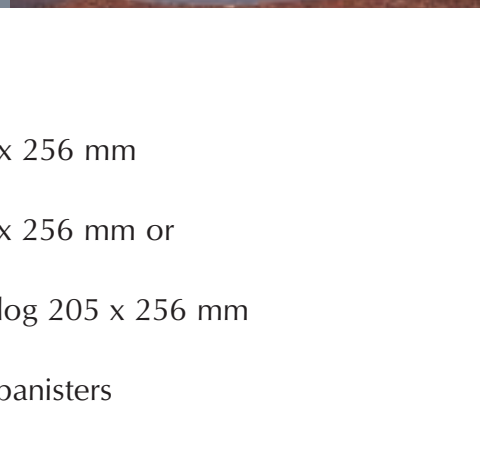
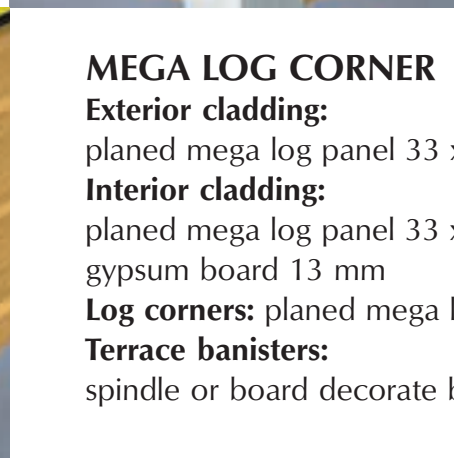
Interior cladding:

planed mega log panel 33 x 256 mm or
gypsum board 13 mm

Log corners: planed mega log 205 x 256 mm

Terrace banisters:

spindle or board decorate banisters





Downstairs 1:200



Upstairs 1:200

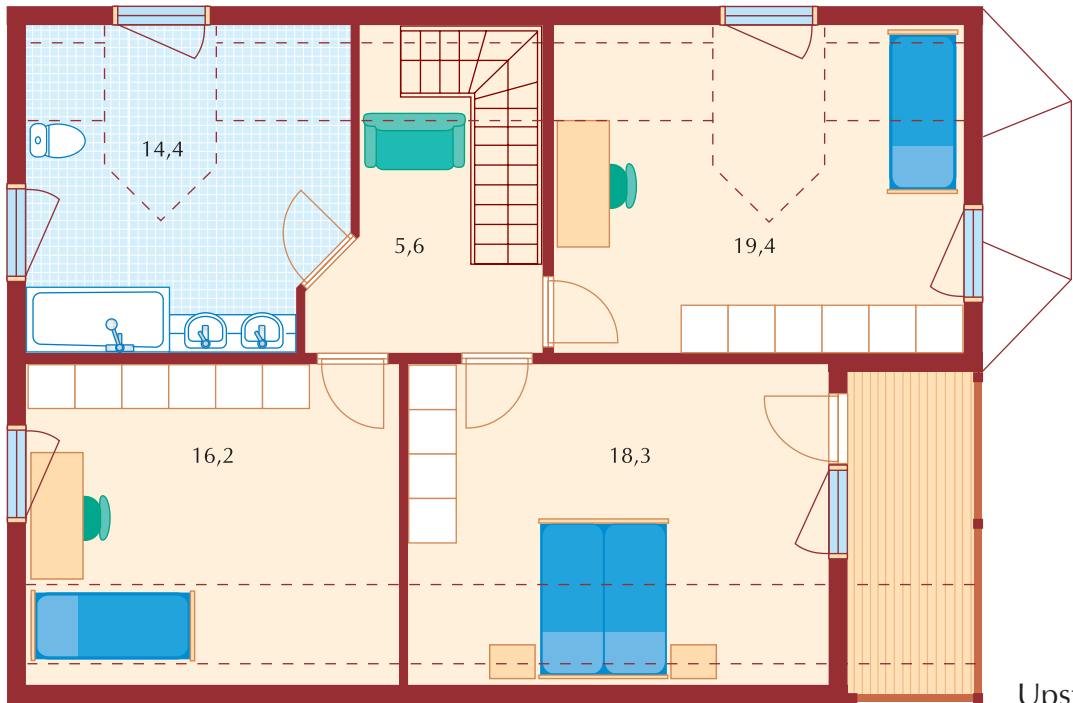
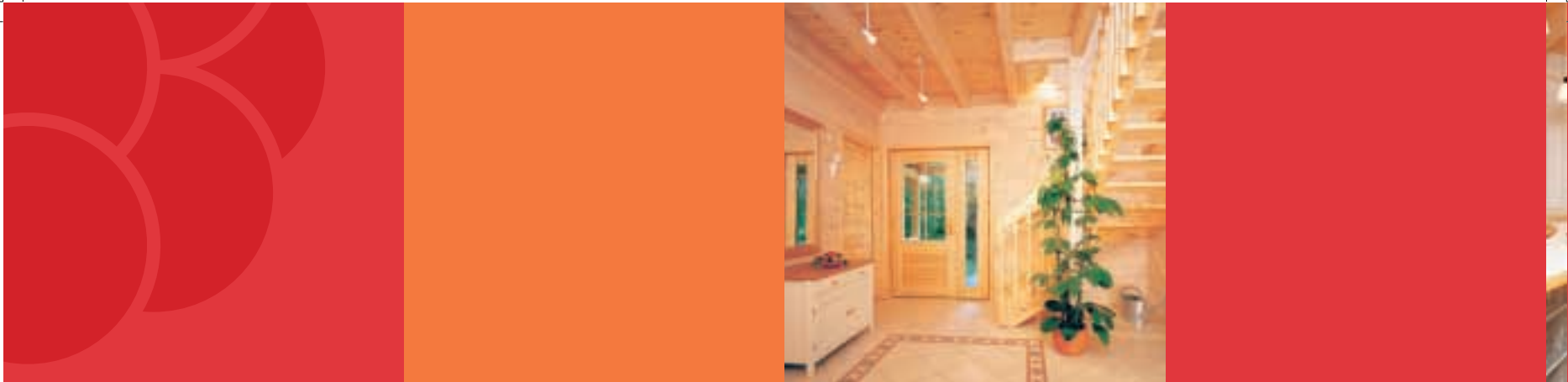


Royal

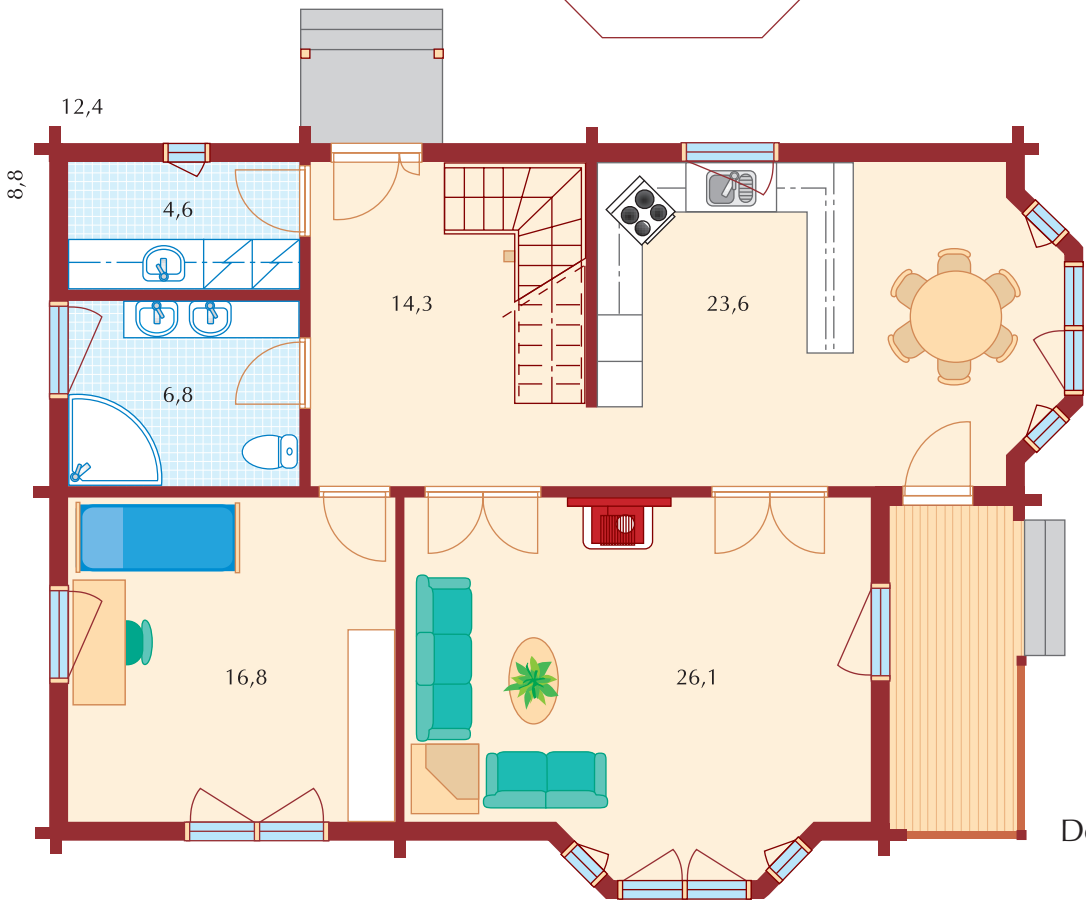


Royal 634

Downstairs	270,0 m ²
Upstairs	199,5 m ²
Gross floor area	469,5 m ²
Balcony	48,0 m ²
Terrace	116,5 m ²
Total area	633,5 m ²



Upstairs 1:100



Downstairs 1:100

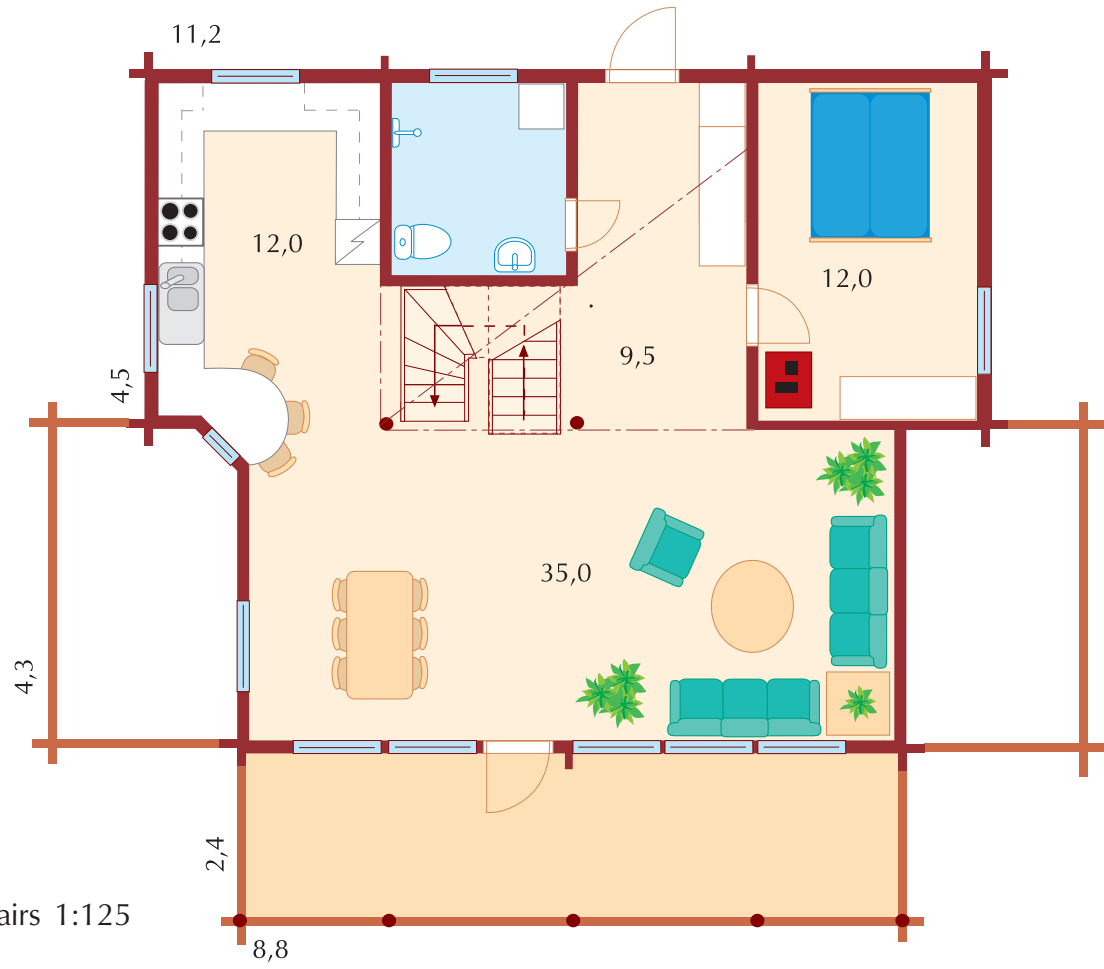


Lakka

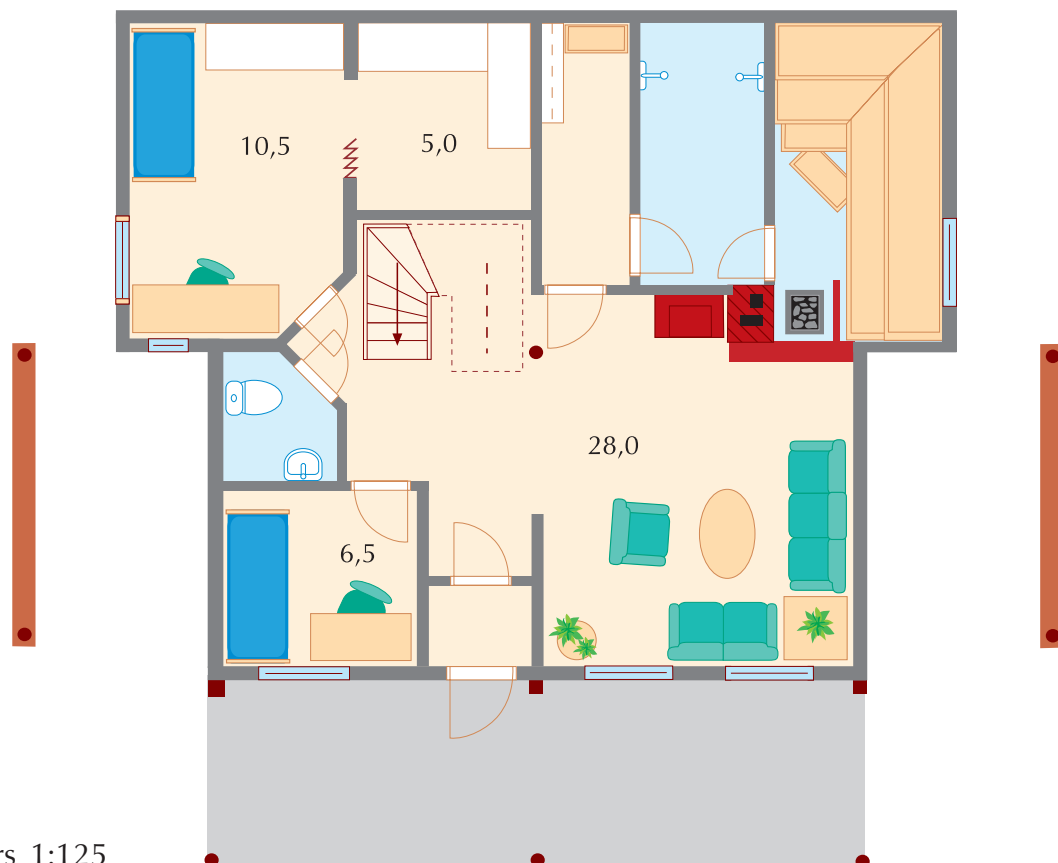


Lakka 226

Downstairs	107,5 m ²
Upstairs	103,0 m ²
Gross floor area	210,5 m ²
Terrace	7,5 m ²
Balcony	7,5 m ²
Total area	225,5 m ²



Upstairs 1:125



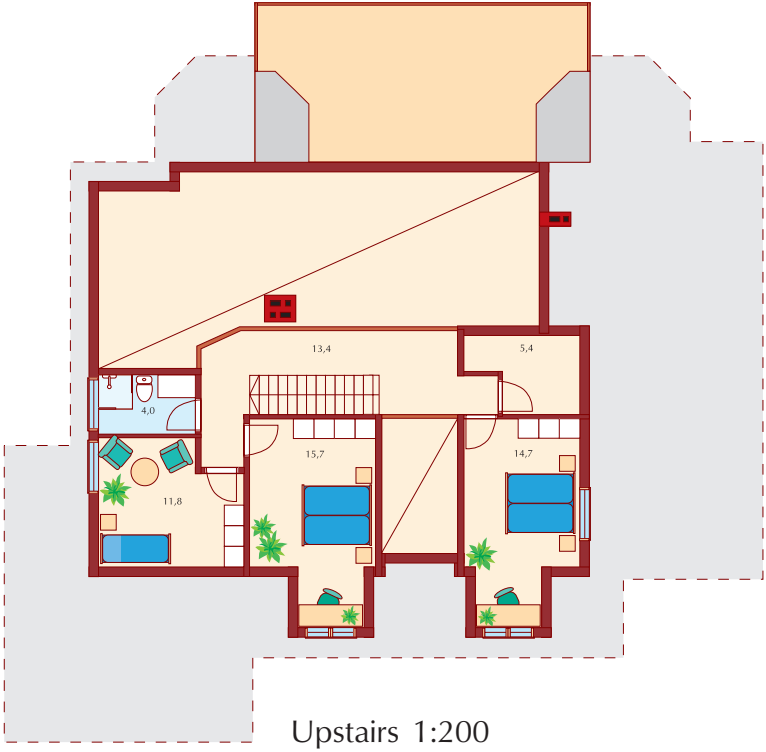
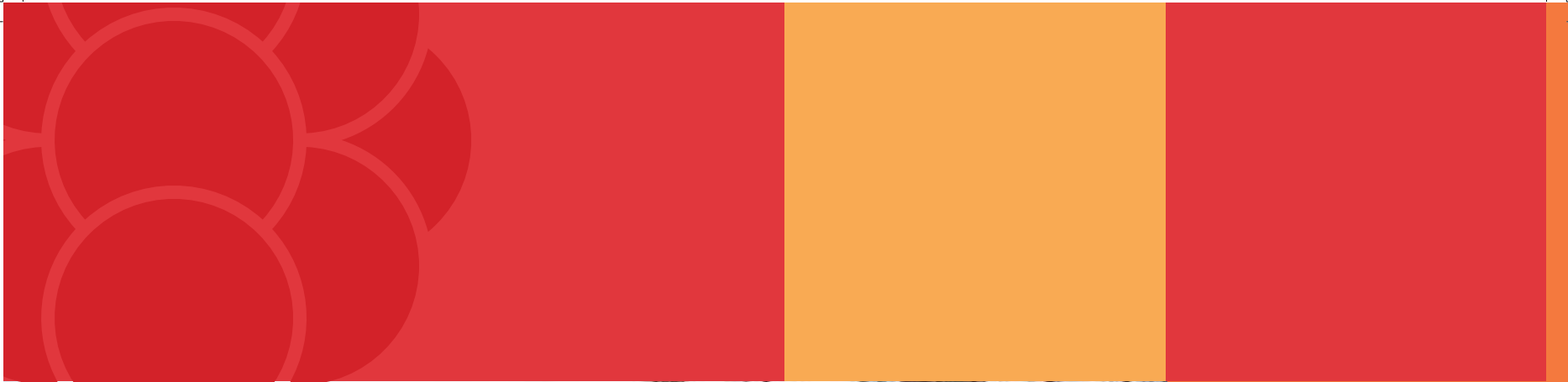
Downstairs 1:125

Arctia



Arctia 215

Downstairs	85,5 m ²
Upstairs	87,5 m ²
Loft	21,0 m ²
Gross floor area	194,0 m ²
Balcony	21,0 m ²
Total area	215,0 m ²

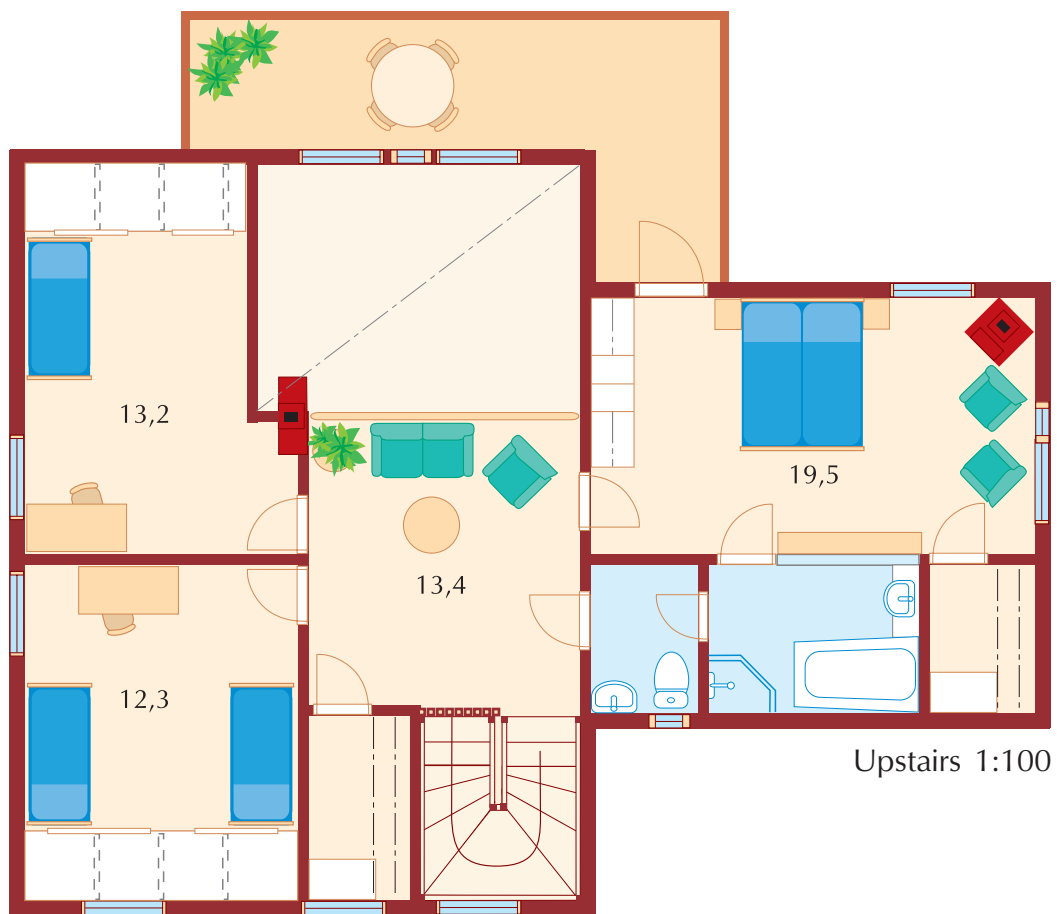


Nordia



Nordia Special 304

Downstairs	159,0 m ²
Upstairs	77,0 m ²
Gross floor area	236,0 m ²
Terrace	26,0 m ²
Garage	41,5 m ²
Total area	303,5 m ²



Nordia

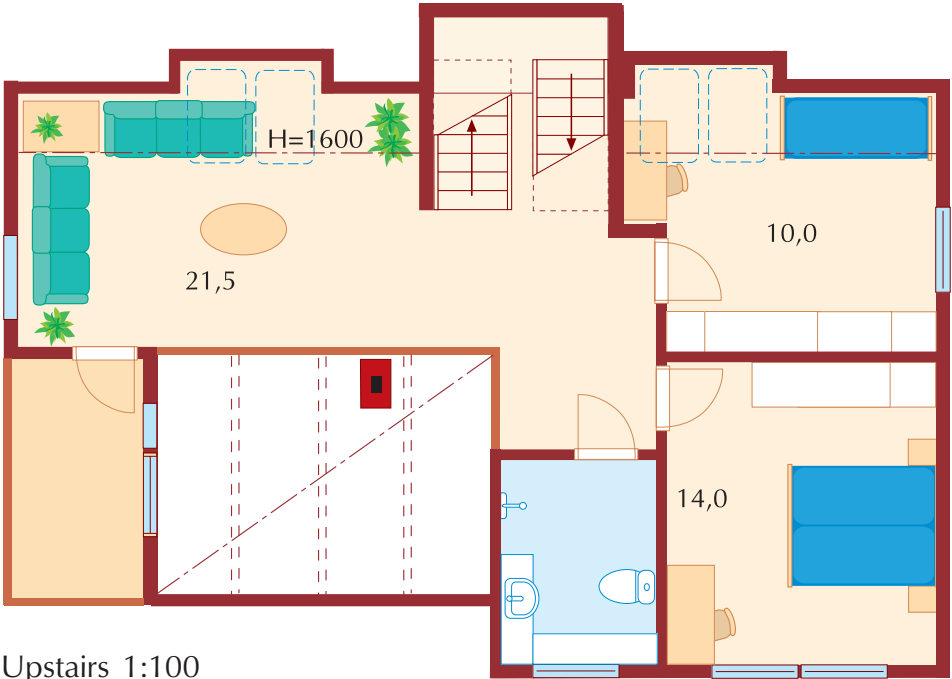


Nordia 275

Downstairs	116,5 m ²
Upstairs	100,5 m ²
Gross floor area	217,0 m ²
Terrace	44,0 m ²
Balcony	14,0 m ²
Total area	275,0 m ²



Downstairs 1:100



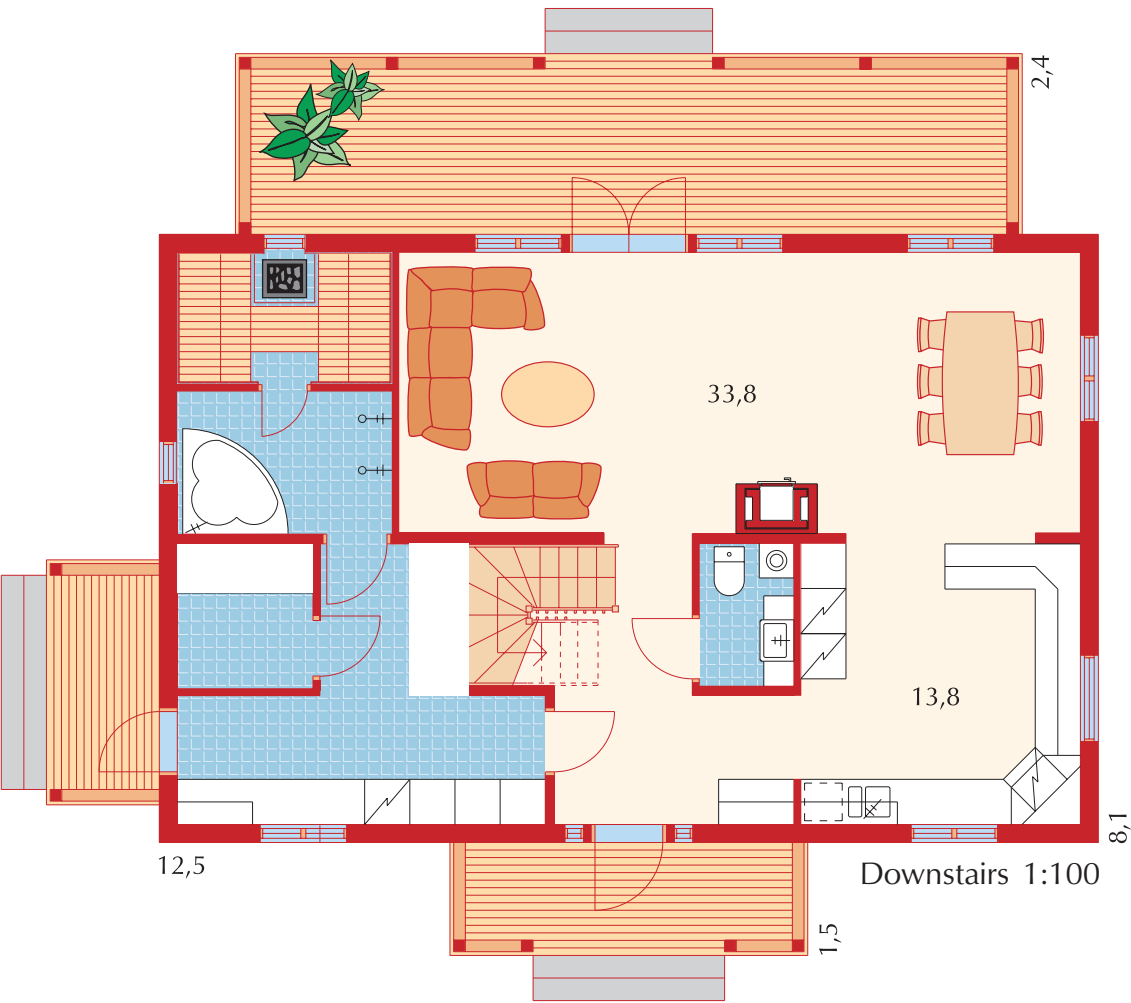
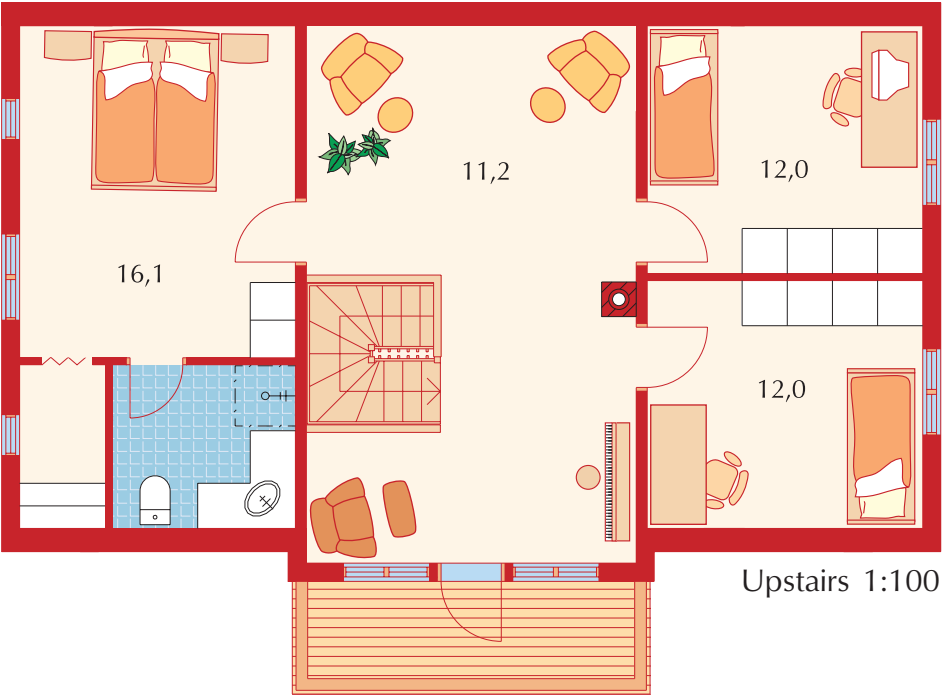
Upstairs 1:100

Nordia



Nordia 273

Downstairs	175,5 m ²
Upstairs	76,0 m ²
Gross floor area	251,5 m ²
Terrace	16,0 m ²
Balcony	5,0 m ²
Total area	272,5 m ²

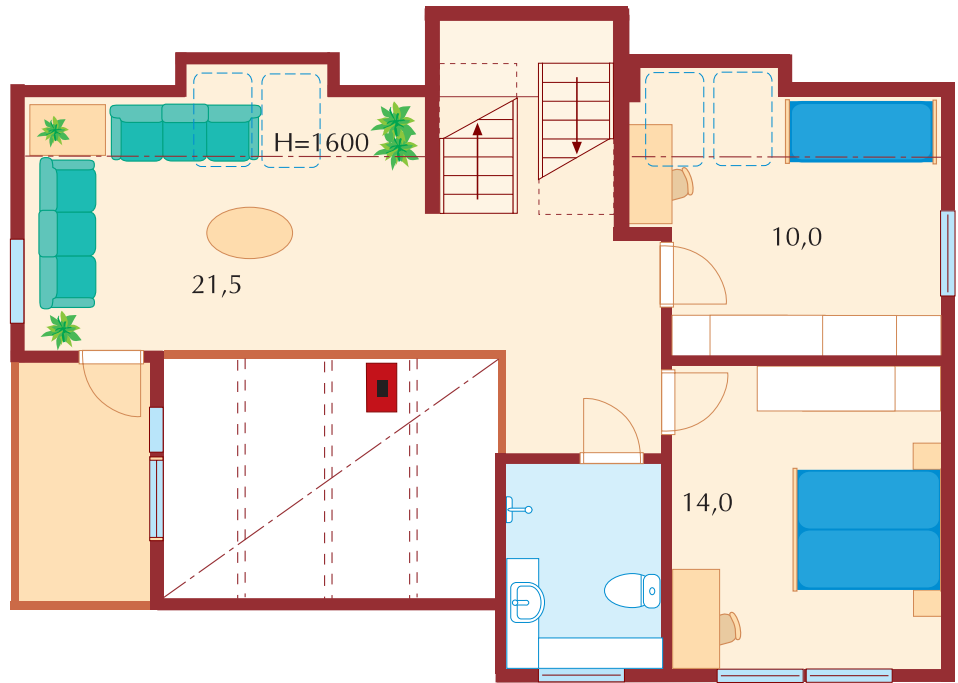


Nordia



Nordia 240

Downstairs	100,5 m ²
Upstairs	89,5 m ²
Gross floor area	190,0 m ²
Terrace	44,0 m ²
Balcony	6,0 m ²
Total area	240,0 m ²



Upstairs 1:100



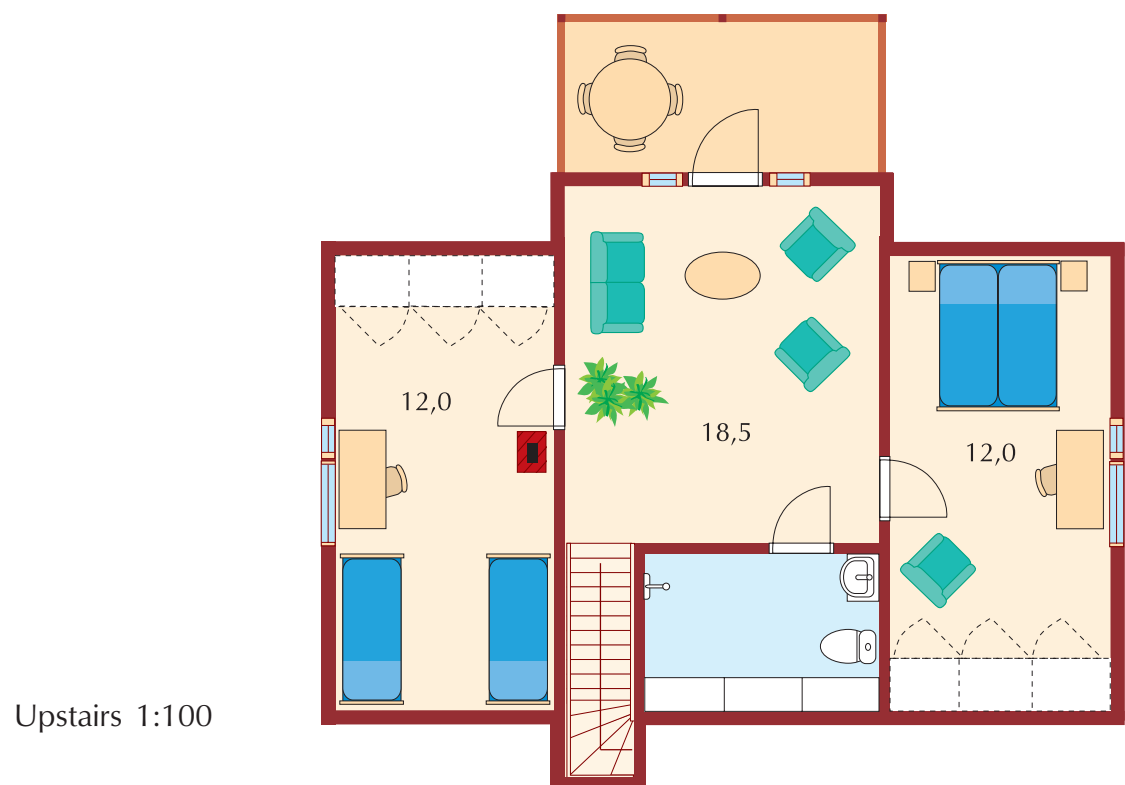
Downstairs 1:100

Nordia



Nordia 215

Downstairs	108,0 m ²
Upstairs	76,0 m ²
Gross floor area	184,0 m ²
Terrace	26,0 m ²
Balcony	5,0 m ²
Total area	215,0 m ²

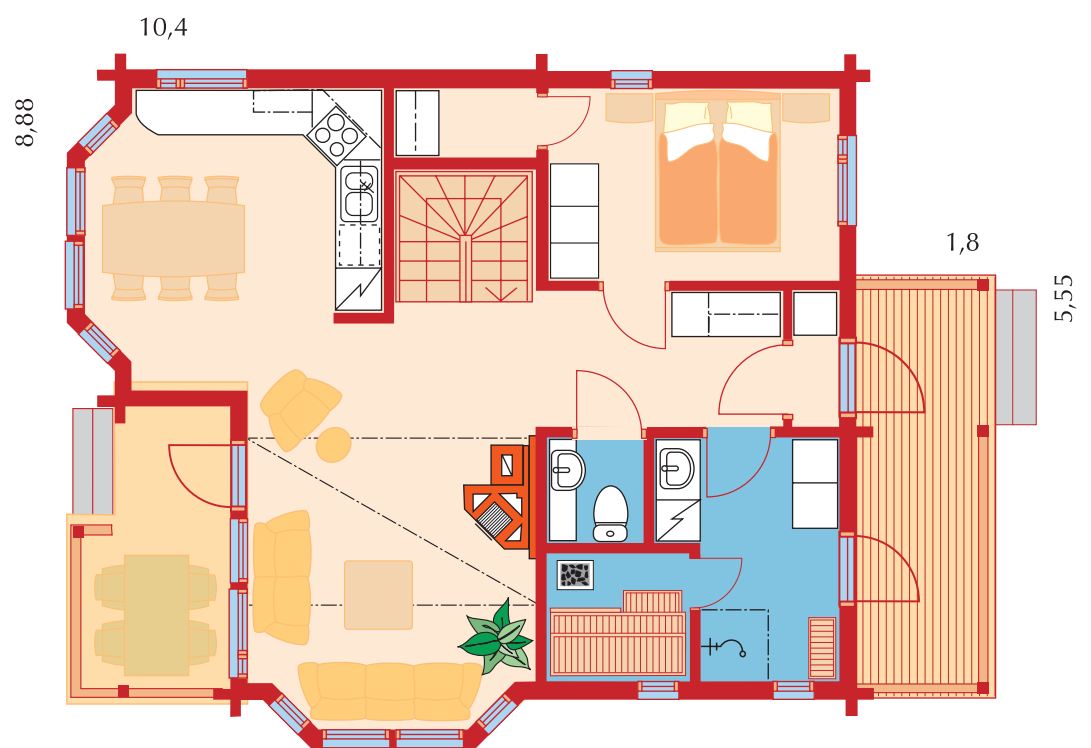


Nordia

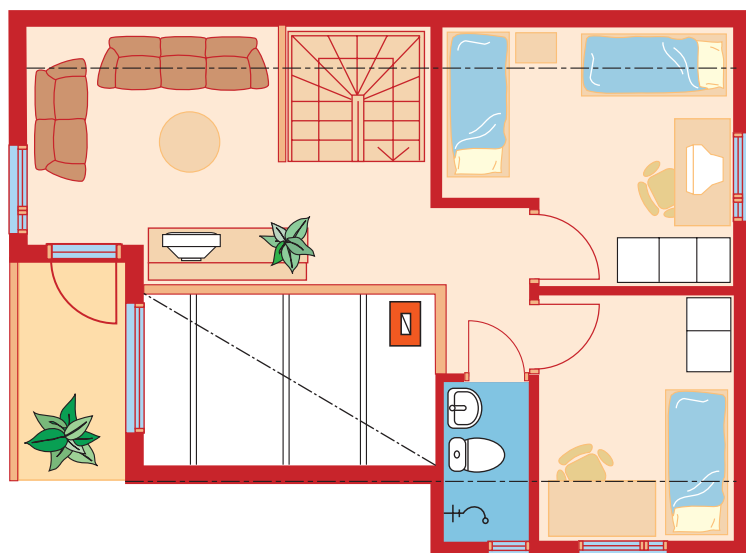


Nordia 177

Downstairs	88,5 m ²
Upstairs	65,5 m ²
Gross floor area	154,0 m ²
Terrace	15,0 m ²
Balcony	8,0 m ²
Total area	177,0 m ²



Downstairs 1:100



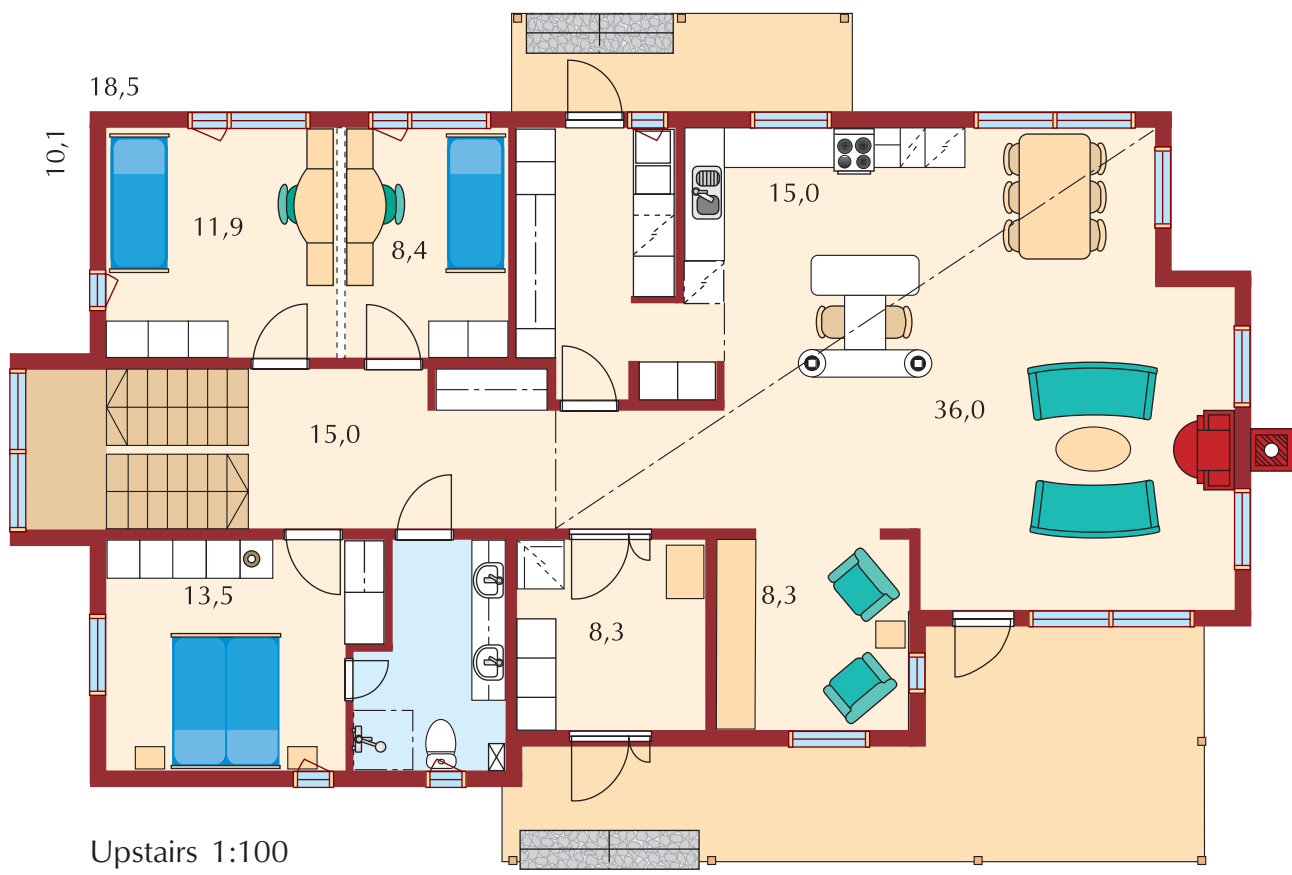
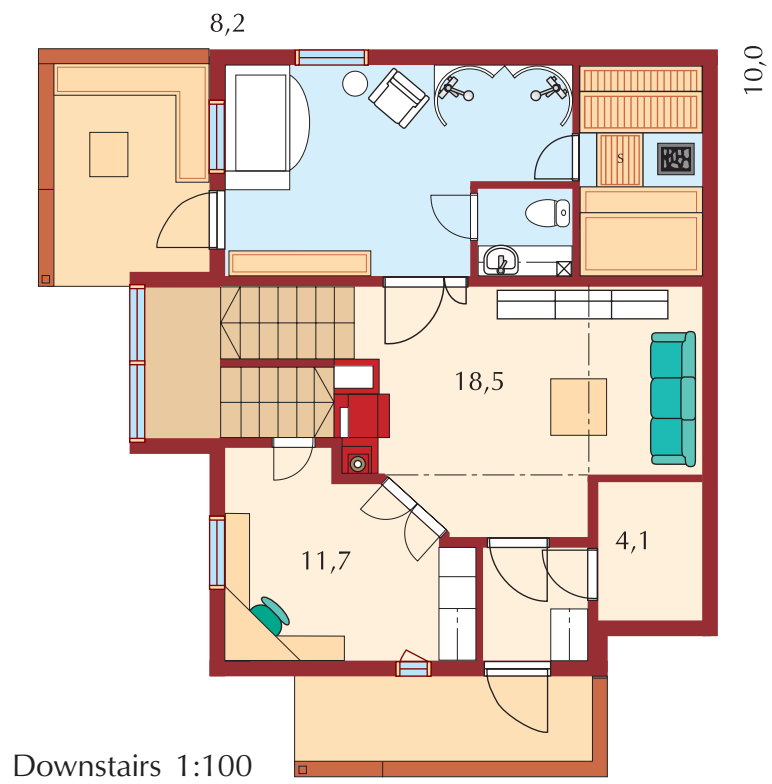
Upstairs 1:100

Nordia



Nordia 145

Downstairs	78,5 m ²
Upstairs	43,5 m ²
Gross floor area	122,0 m ²
Terrace	17,0 m ²
Balcony	6,0 m ²
Total area	145,0 m ²



Metsola



Metsola 287 R

Downstairs	85,0 m ²
Upstairs	160,0 m ²
Gross floor area	245,0 m ²
Terrace	41,5 m ²
Total area	286,5 m ²



Metsola



Metsola 289

Downstairs	173,0 m ²
Storage attic	23,0 m ²
Gross floor area	196,0 m ²
Terrace	55,0 m ²
Garage + storage	37,5 m ²
Total area	288,5 m ²



Metsola 156 L



Metsola 180

Metsola



Metsola 156 L

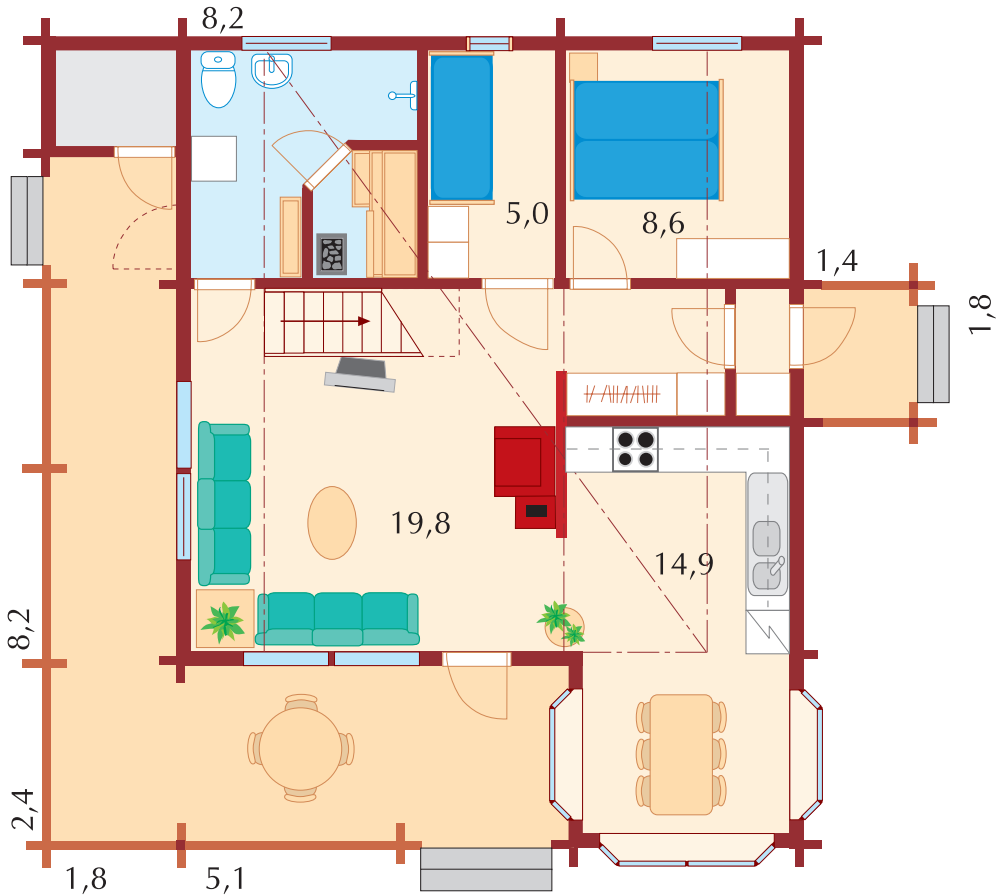
Gross floor area	138,0 m ²
Terrace	18,0 m ²
Total area	156,0 m ²

Metsola 180

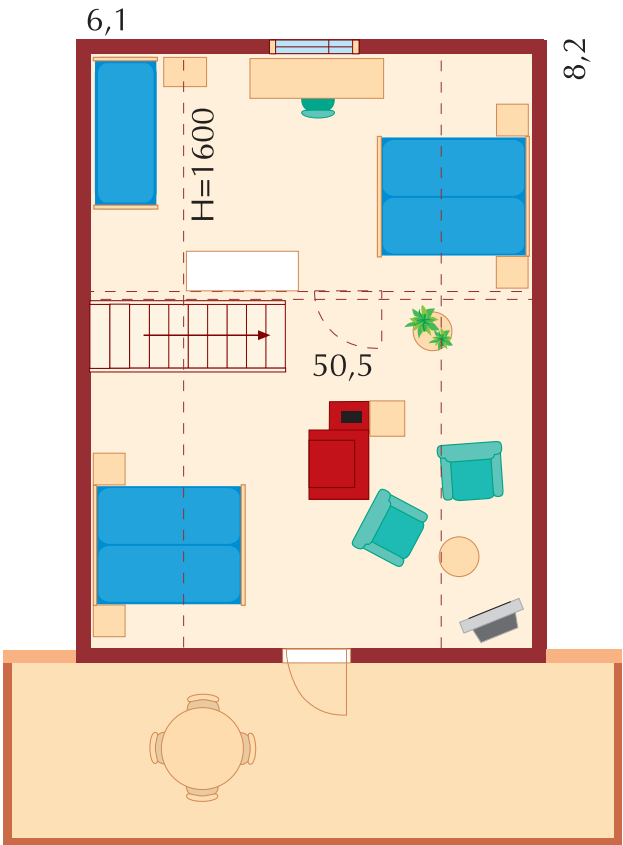
Gross floor area	162,0 m ²
Terrace	18,0 m ²
Total area	180,0 m ²



Pinea 152/2



Downstairs 1:100



Upstairs 1:100



Downstairs 1:100

Pinea 152/3

Pinea

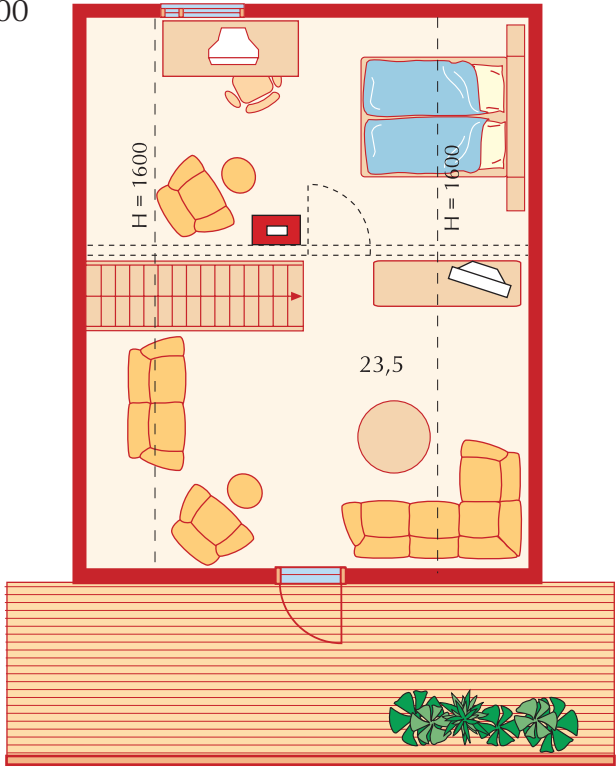


Pinea 152/2, 152/3

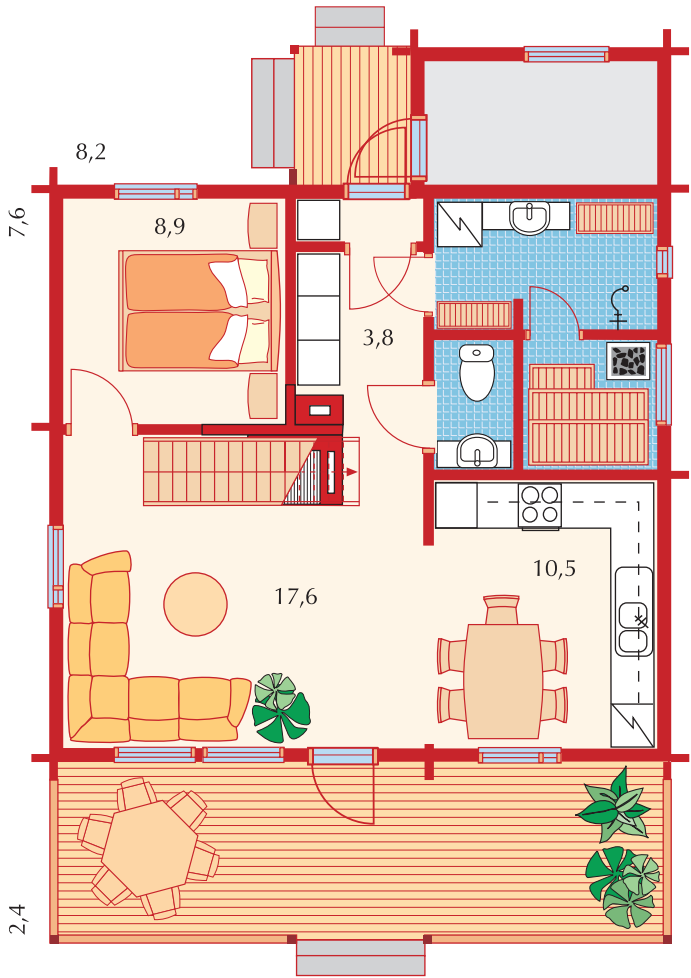
Downstairs	66,5 m ²
Upstairs	49,5 m ²
Gross floor area	116,0 m ²
Terrace	22,5 m ²
Balcony	13,5 m ²
Total area	152,0 m ²



Upstairs 1:100

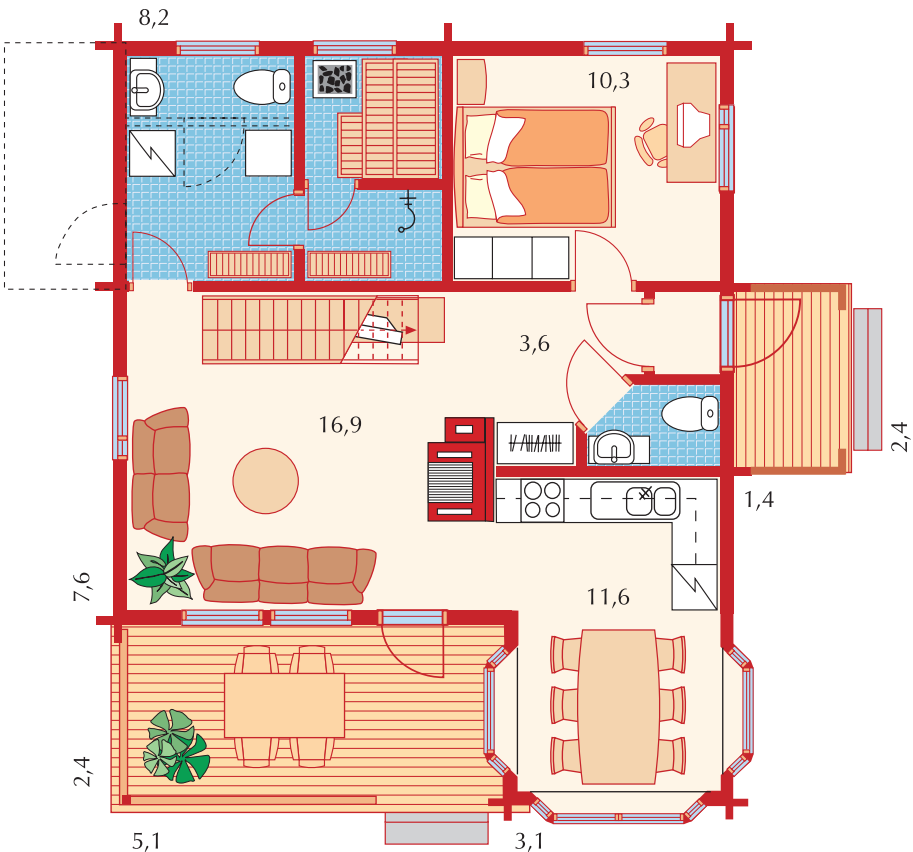


Pinea 143/1



Downstairs 1:100

Pinea 143/2



Downstairs 1:100

Pinea

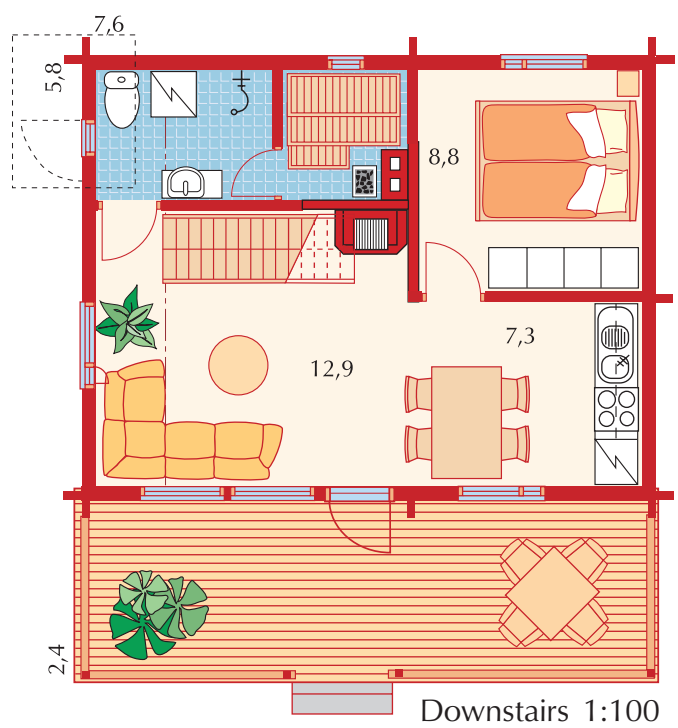


Pinea 143/1, 143/2

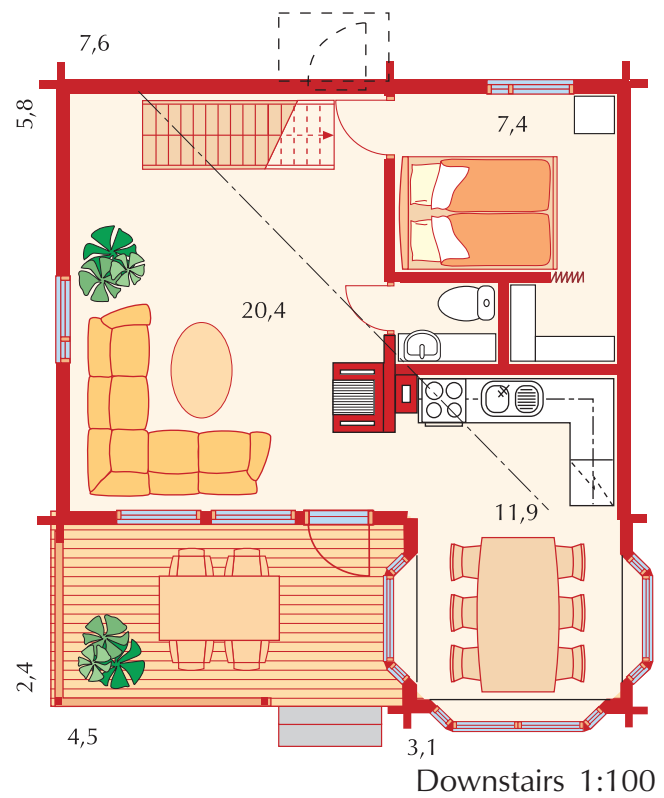
Downstairs	61,5 m ²
Upstairs	45,5 m ²
Gross floor area	107,0 m ²
Terrace	22,5 m ²
Balcony	13,5 m ²
Total area	143,0 m ²



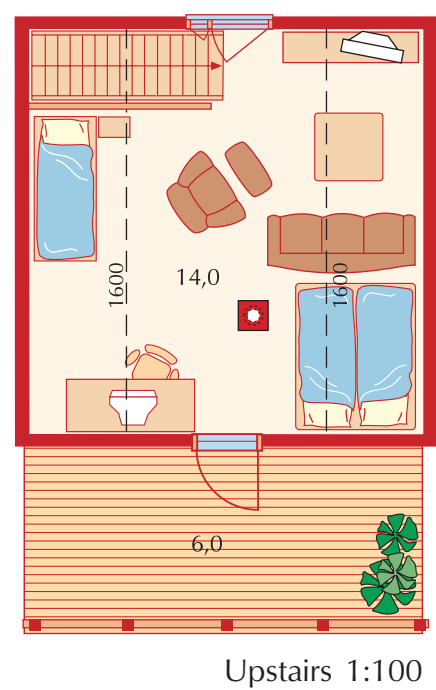
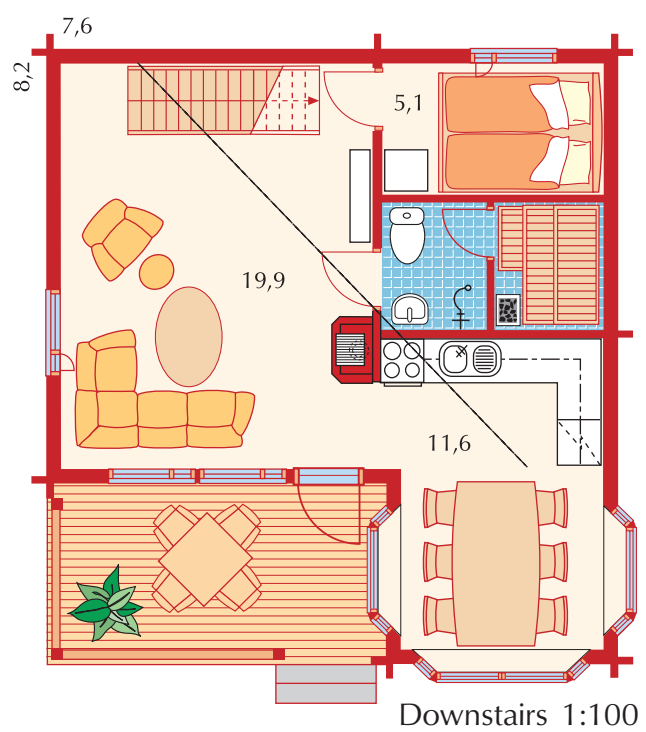
Pinea 105/1



Pinea 105/2



Pinea 105/3



Pinea

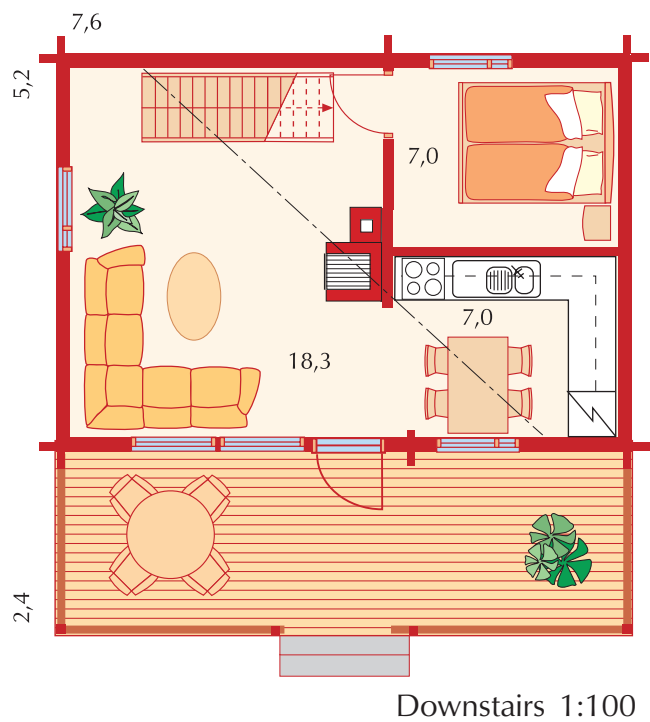


Pinea 105/1, 105/2, 105/3

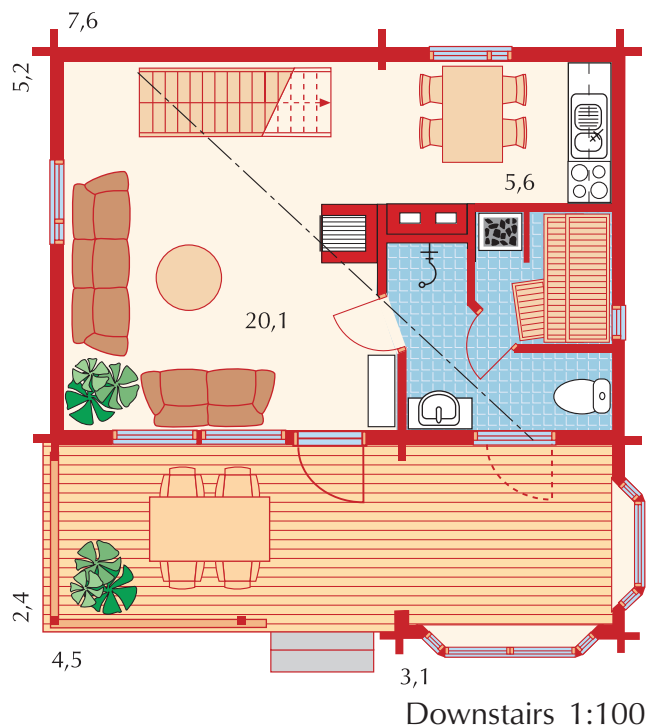
Downstairs	43,5 m ²
Upstairs	31,5 m ²
Gross floor area	75,0 m ²
Balcony	12,0 m ²
Terrace	18,0 m ²
Total area	105,0 m ²



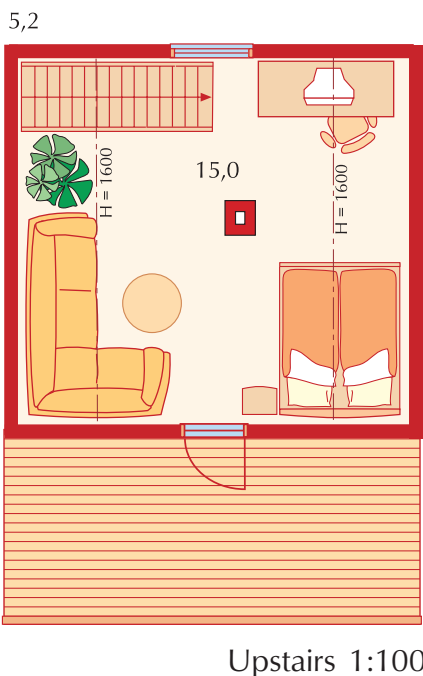
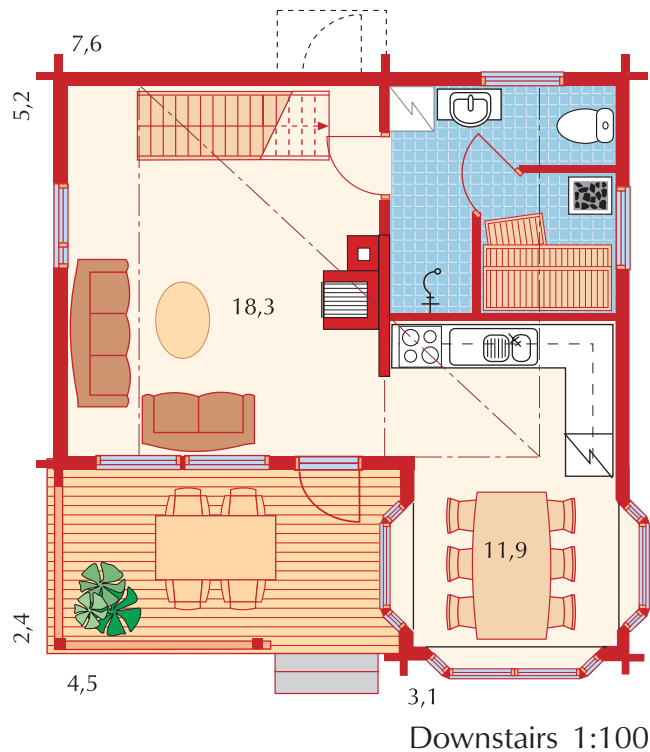
Pinea 97/1



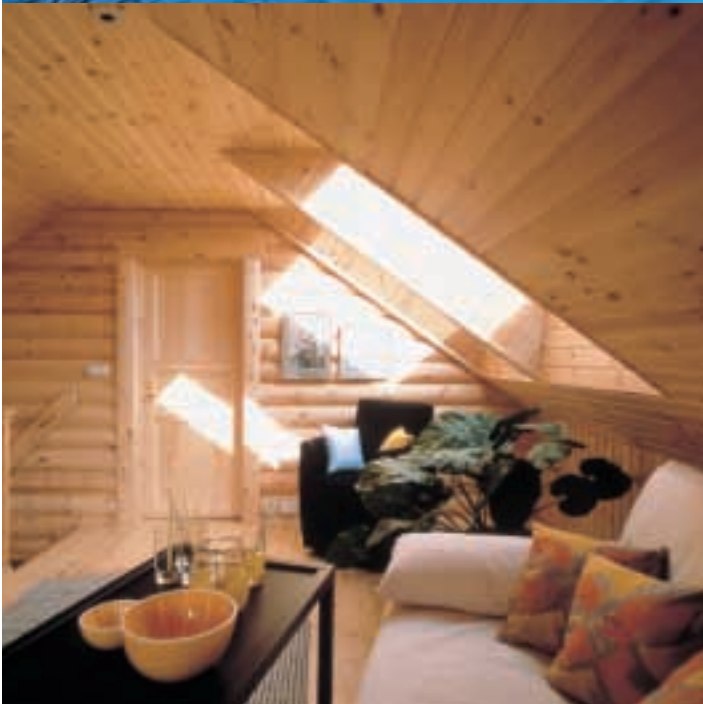
Pinea 97/2



Pinea 97/3



Pinea

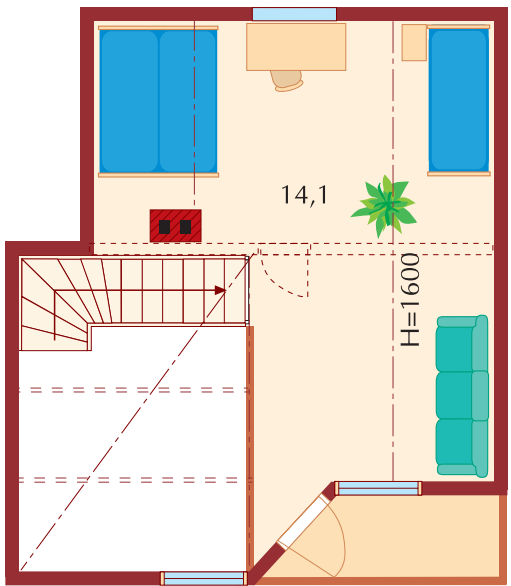
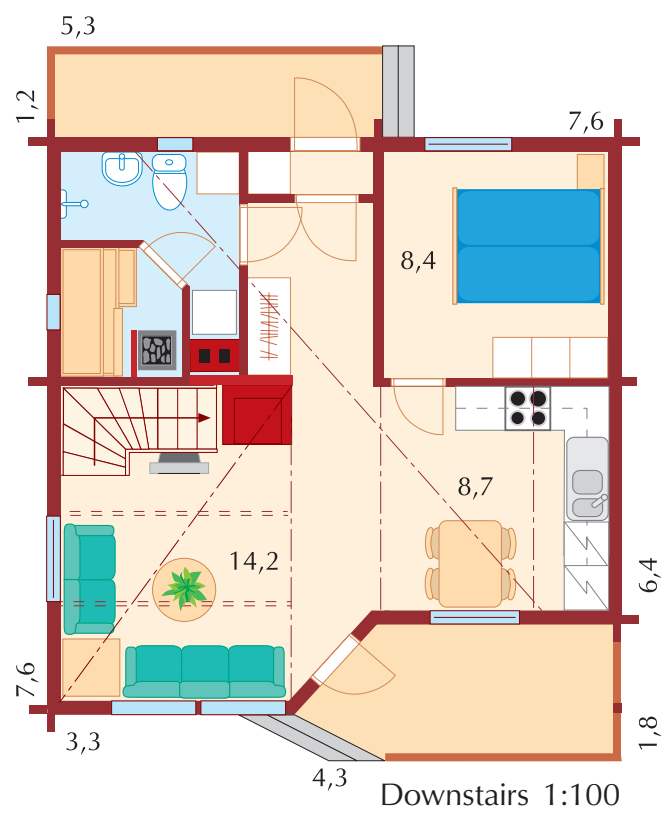


Pinea 97/1, 97/2, 97/3

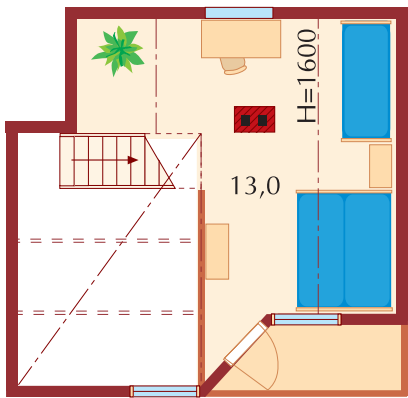
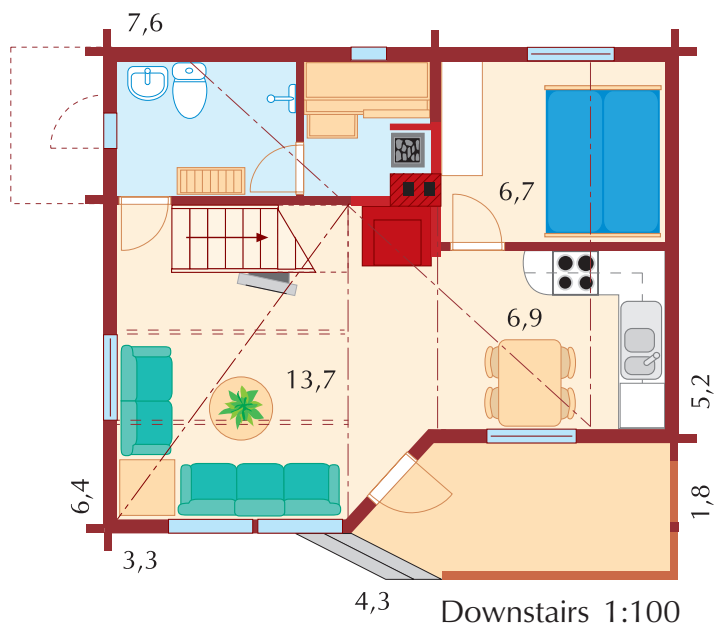
Downstairs	39,0 m ²
Upstairs	28,0 m ²
Gross floor area	67,0 m ²
Terrace	18,0 m ²
Balcony	12,0 m ²
Total area	97,0 m ²



Pinea 96



Pinea 76



Pinea



Pinea 96

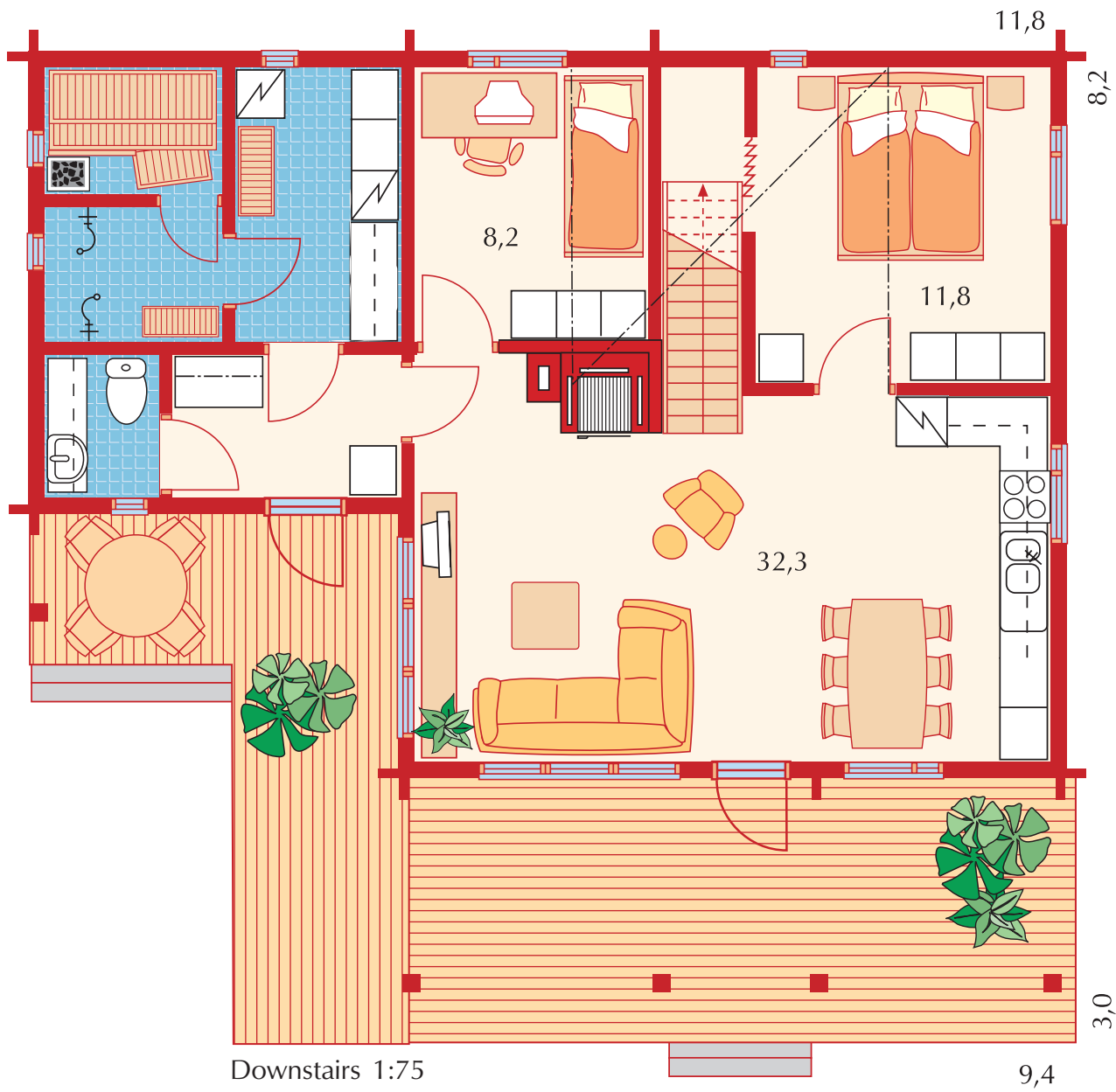
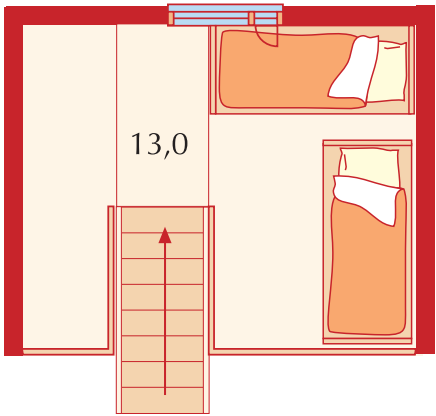
Downstairs	52,0 m ²
Upstairs	29,5 m ²
Gross floor area	81,5 m ²
Terrace	12,0 m ²
Balcony	3,0 m ²
Total area	96,5 m ²

Pinea 76

Downstairs	43,0 m ²
Upstairs	23,0 m ²
Gross floor area	66,0 m ²
Terrace	7,0 m ²
Balcony	3,0 m ²
Total area	76,0 m ²



Loft 1:75



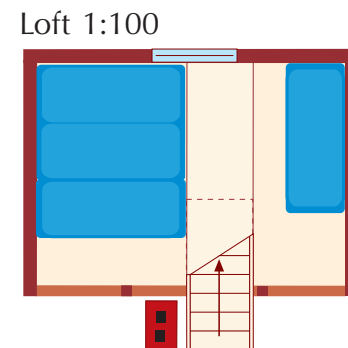
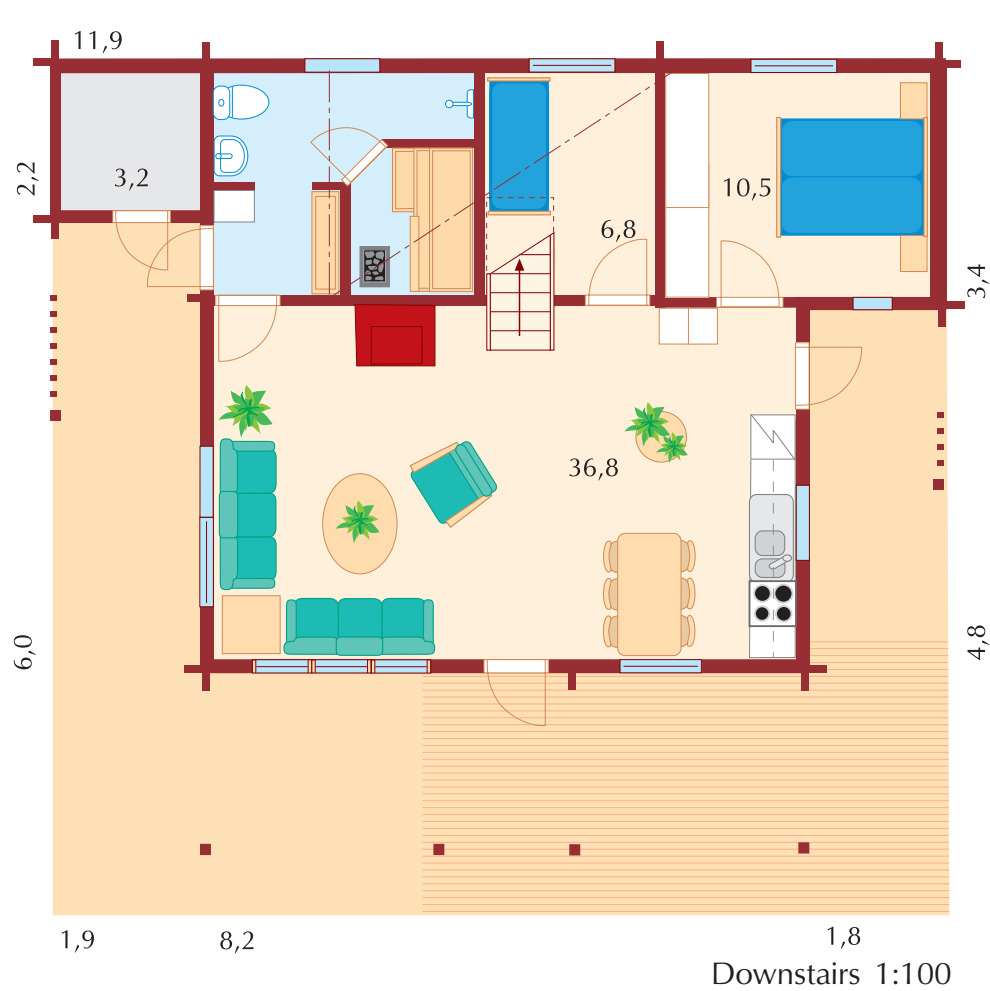
Downstairs 1:75

Lapponia

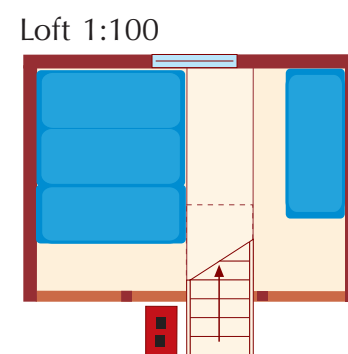


Lapponia 137 L

Downstairs	83,5 m ²
Loft	13,0 m ²
Gross floor area	96,5 m ²
Terrace	40,0 m ²
Total area	136,5 m ²



Lapponia 150



Lapponia 123

Lapponia



Lapponia 150

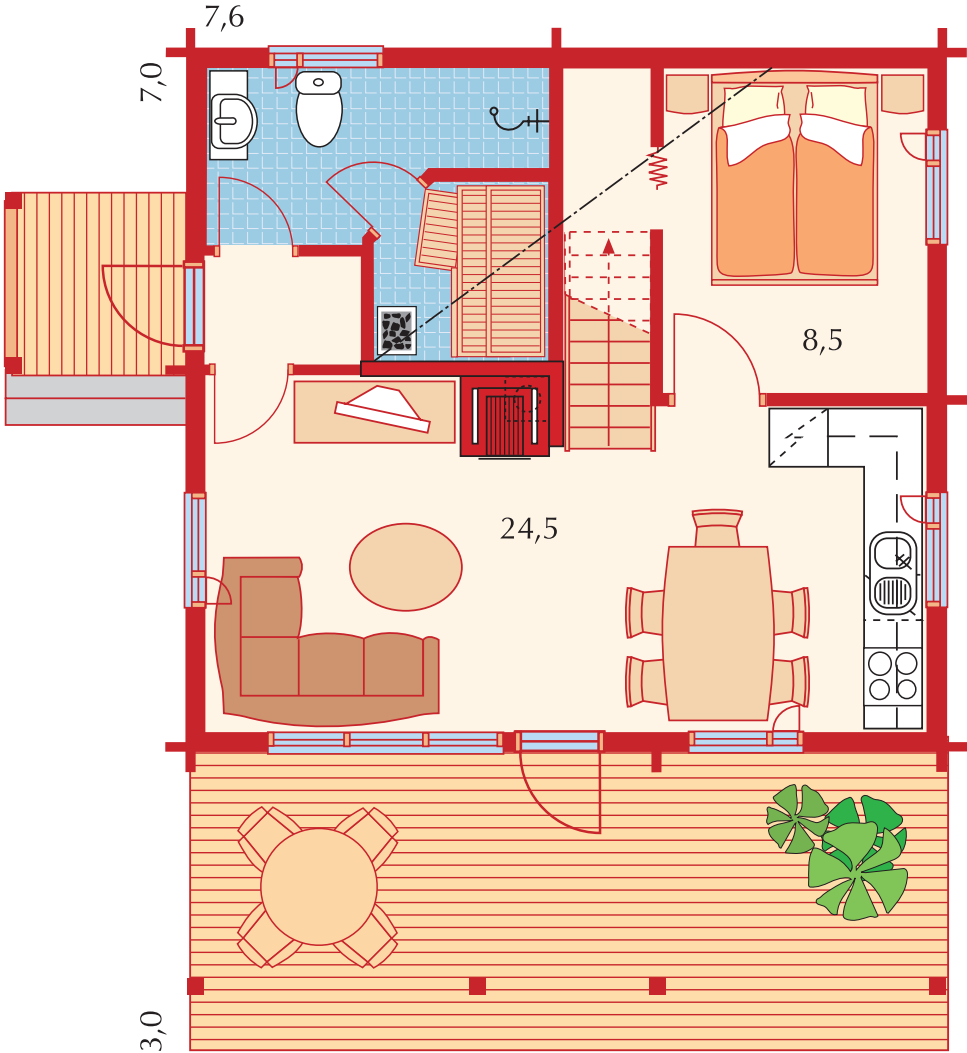
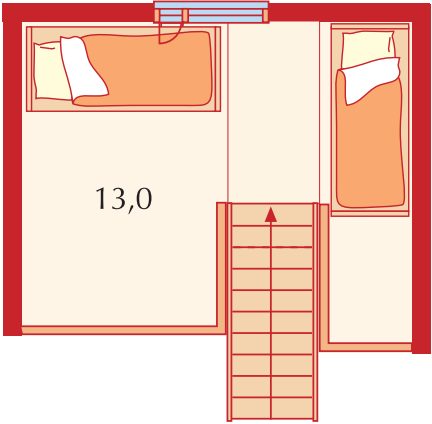
Downstairs	76,0 m ²
Loft	15,5 m ²
Gross floor area	91,5 m ²
Terrace	58,5 m ²
Total area	150,0 m ²

Lapponia 123

Downstairs	69,0 m ²
Loft	15,5 m ²
Gross floor area	84,5 m ²
Terrace	38,5 m ²
Total area	123,0 m ²



Loft 1:75



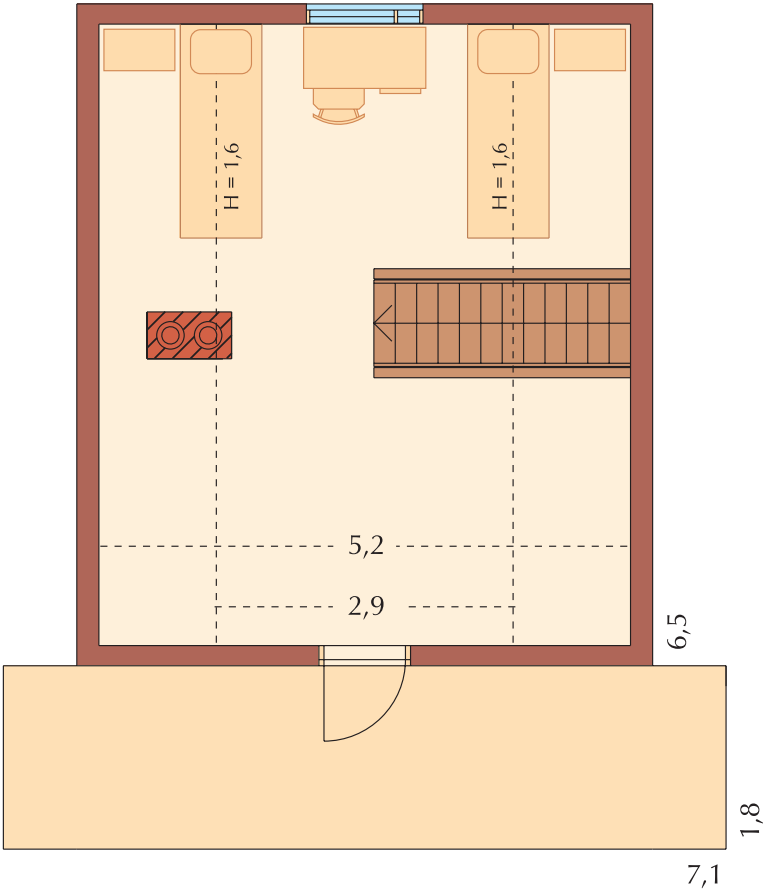
Downstairs 1:75

Lapponia



Lapponia 88

Downstairs	52,5 m ²
Loft	13,0 m ²
Gross floor area	65,5 m ²
Terrace	23,0 m ²
Total area	88,5 m ²



Helmi

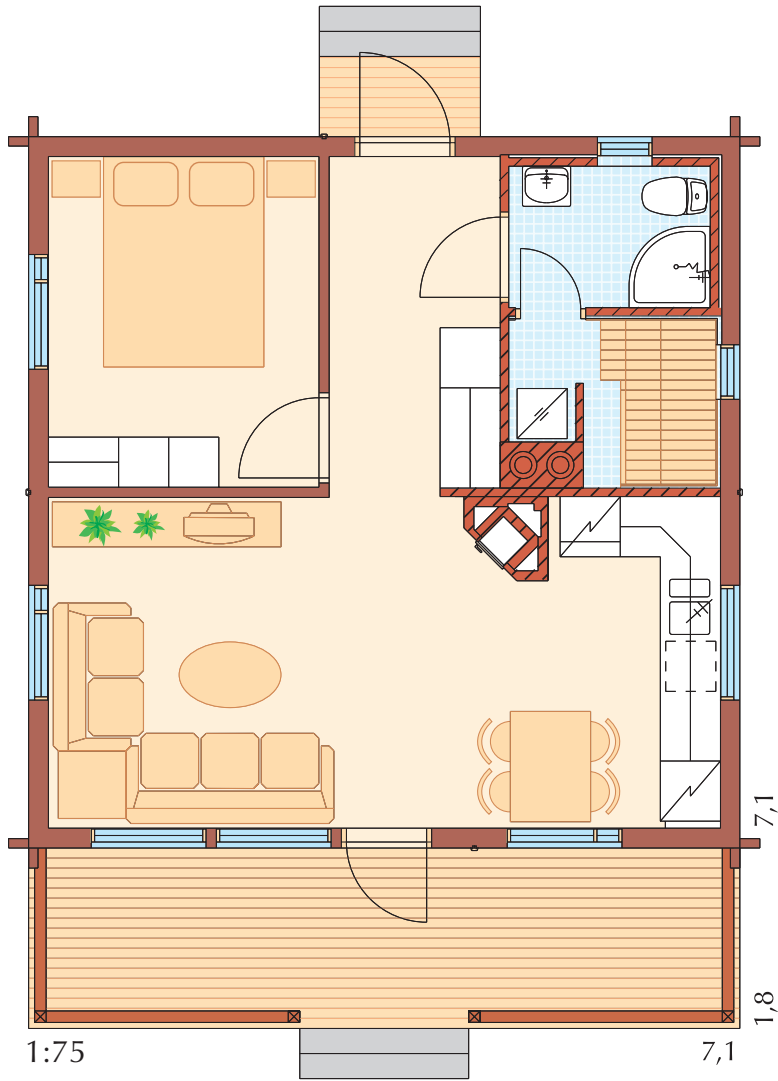


Helmi 87

Downstairs	46,0 m ²
Upstairs	19,0 m ²
Gross floor area	65,0 m ²
Balcony	10,0 m ²
Terrace	12,5 m ²
Total area	87,5 m ²



Helmi 63



Helmi 69



Helmi



Helmi 63

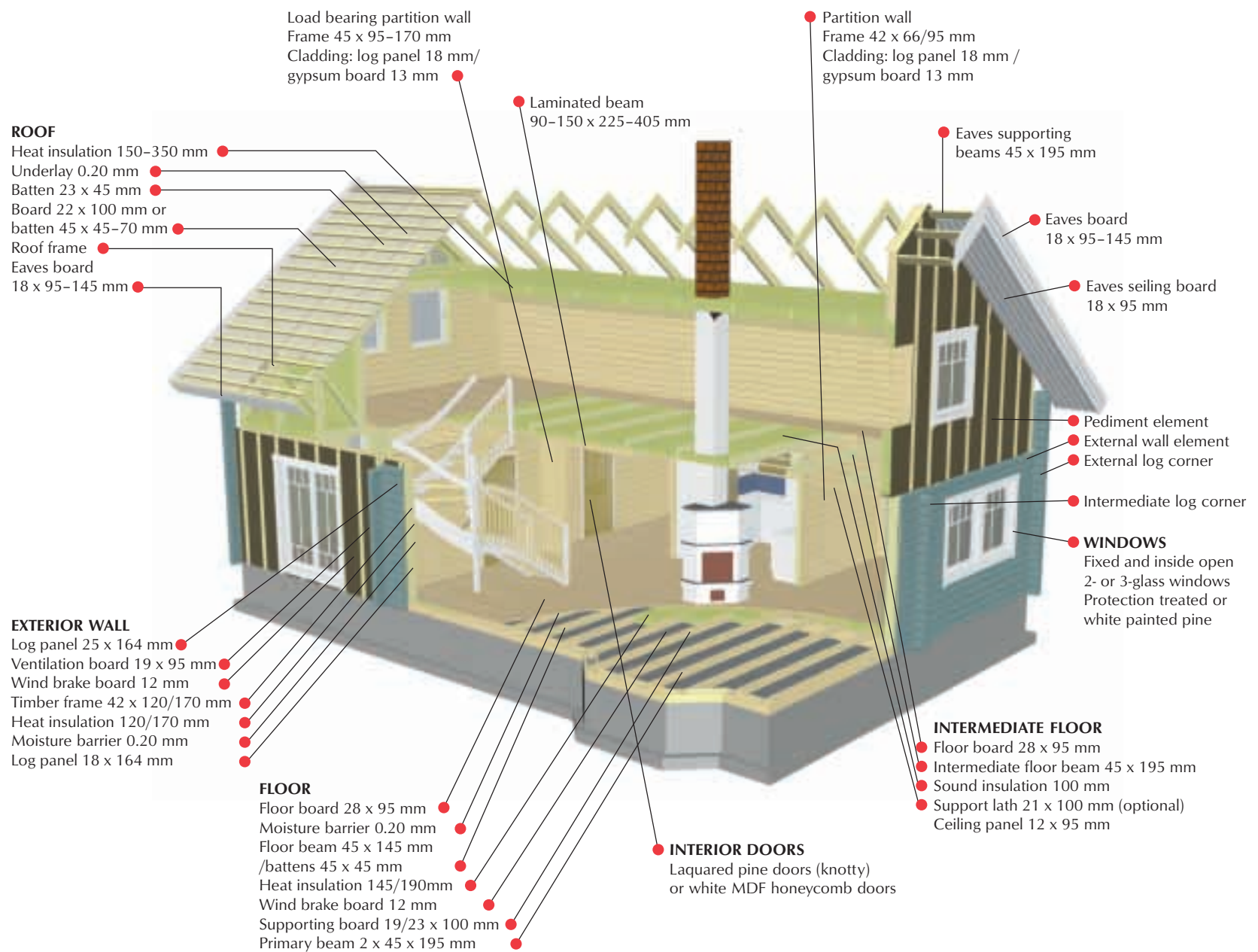
Gross floor area	50,5 m ²
Terrace	12,5 m ²
Total area	63,0 m ²

Helmi 69

Gross floor area	60,0 m ²
Terrace	9,0 m ²
Total area	69,0 m ²



General construction of Thermo Log home (type Pinea)



Advantages of Lapponia Thermo Log construction



QUALITY CERTIFICATE

- Technically advanced, modern Thermo Log home with appearance of a traditional log home and with technical benefits of best timber frame houses on the market
- Wall construction does not settle down nor crack as traditional log wall does
- Saves you from a later re-adjustment of doors and windows, which is necessary in traditional log homes
- Makes it also possible to use unlimited variations of wall cladding materials (wall paper, paint or ceramic tiling) inside
- Meet the warmth and insulation requirements for energy-save houses by a broad margin
- Secure optimal energy use and warm comfort during cold winter months
- Saves also energy used for air-condition
- Loss of heat of exterior wall is illustrated with u-value. Lapponia wall construction has three times better value than traditional log wall. 170 mm Thermo Log wall, $u=0,22 \text{ W/Km}^2$ versus traditional 210 mm round log wall, $u=0,67 \text{ W/Km}^2$. In the 120 mm Thermo Log wall, $u=0,31 \text{ W/Km}^2$
- Ecological and forest saving; several Lapponia Thermo Log homes can be built of of the wood used for one solid log home
- The ventilation gap under outside cladding of exterior wall keeps the wall structure dry in all weather conditions
- Manufactured in modern and ideal factory conditions
- Large prefabricated exterior wall units with ready installed windows ensure short construction time at site
- The production line in the factory is controlled by VTT, Technical Research Centre of Finland
- The materials used in Lapponia Thermo Log walls are examined to comply with DIN 1052 (Deutsche Industrie Normen)



CORNER STRUCTURE

1. Massive log corner
2. Log panel
3. Ventilation gap
4. Ventilation lath
5. Heat insulation
6. Timber frame
7. Moisture barrier
8. Log panel



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