











Sauna profiles



A quick overview of tree species,
basic parameters

Wood species	Profile	Dimension / Cover width (mm)	Lengths (m)	
Spruce northern	* Softline	14 x 96mm/ 86 mm	2.1 - 6	
Alder	* Softline	15 x 90 mm/ 80 mm	2.1/2.4/2.7/3.0	
	Planed board	28 x 90 mm/ 88 mm	2.1/2.4/2.7/3.0	
Aspen	* Softline	15 x 90 mm/ 88 mm	2,1/2,4/2, 7/3.0	
	Planed board	28 x 90 mm/ 88 mm	2.1/2.4/2.7/3.0	
Thermo Aspen	Softline	15 x 90 mm	2.1/2.4/2.7/3.0m	
	Planed board	28 x 90 mm	2.1/2.4/2.7/3.0m	
Western Red Cedar	*	11 x 94mm/ 83.40 mm	0.92/1.22/1.52	
			1.83	
			2.13	
			2.44/2.74/ 3.05/3.35/3.65	
	* Softline	15 x 90 mm/ 80 mm	0.9/1.22/1.52/ 1.83/2.13/2.44/ 2.74/3.048	
* * Classics	17.5 x 137mm/ 130 mm	0.91/1.22/1.52/ 1.83		

* All profiles with tongue and groove are listed and charged per m² including tongue.

** Can only be used for the external cladding of saunas.

SAUNA PROFILES - TECHNICAL INFORMATION

Northern spruce

The spruce wood is almost white with a light yellowish undertone and is one of the lightest coniferous woods. Spruce is often used for saunas, especially lining the outer walls. We offer a Softline profile with an extended tongue and groove, which visually eliminates the natural shape changes in the wood due to moisture changes.

Technical details:

Coniferous, light and soft wood with whitish to yellowish colour and resinous channels
Grade A

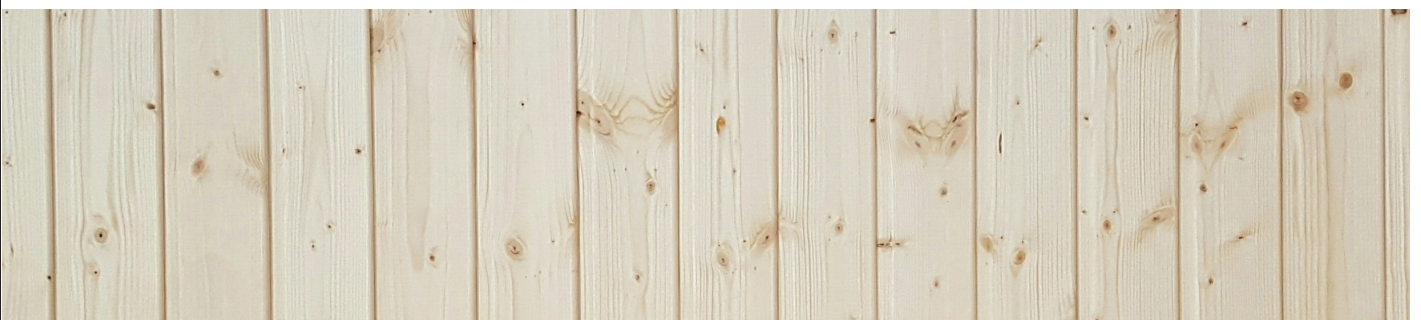
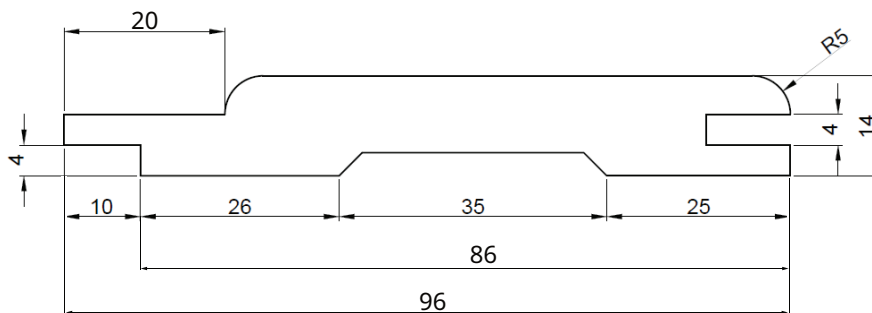
Average density	0.450 g.cm ³
Longitudinal drying	0.3%
Radial shrinkage	3.6%
Drying in Tangential direction	7.8%
Volumetric drying	11.7%
Durability class	4

Sauna Profile SOFTLINE

Size: 14 x 96 mm

Lengths: 4200 mm

Packing: 6 pcs/package, 264 pcs/pallet



Alder

Due to its reddish colour and pleasant texture, alder wood is very popular for use in saunas. Alder wood is mechanically resistant, repels water and does not overheat. We offer softline profile with extended tongue and groove, which visually eliminates the natural shape changes in the wood due to moisture changes, and planed planks as bench profiles.

Technical details:

Deciduous, soft and light wood, pinkish to light orange in colour
Grade A

Average density	0.530 g.cm-3
Longitudinal drying	0.5%
Radial shrinkage	4.4%
Drying in tangential direction	9.3%
Volumetric drying	14.2%
Durability class	5

Sauna deck -SOFTLINE PROFILE STP

Dimension: 15 x 90 mm

Lengths: 2400, 2700, 3000 mm

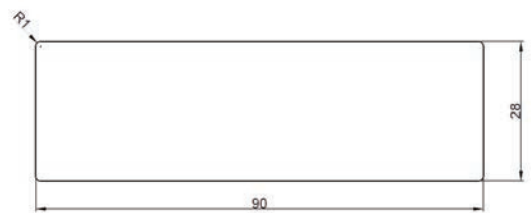
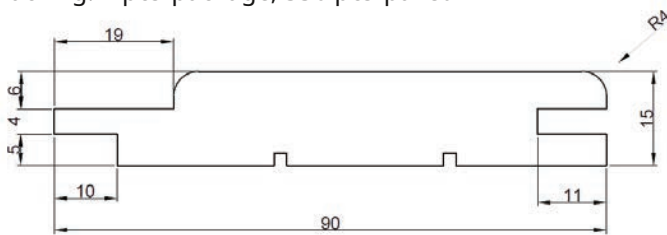
Packing: 6 pcs/package, 264 pcs/pallet

Bench Profile -PLANED BOARD SHP

Dimension: 28 x 90 mm

Lengths: 2400, 2700, 3000 mm

Packing: 4 pcs/package, 336 pcs/pallet



Aspen

Aspen wood is the ideal material for the sauna. It does not exude resin, does not form chips and does not overheat. Its characteristic light colour tone and smooth texture give it a very attractive appearance. We offer softline profile with an extended tongue and groove that visually eliminates the wood's natural shape changes due to changes in humidity, and planed planks as bench profiles.

Technical details:

Deciduous, soft and light wood, white to yellow-white in colour
Grade A

Average density	0.450 g.cm-3
Longitudinal drying	0.3%
Radial shrinkage	5.2%
Drying in Tangential direction	8.3%
Volumetric drying	13.8%
Durability class	5

Sauna deck -**SOFTLINE PROFILE STP**

Dimension: 15 x 90 mm

Lengths: 2400, 2700, 3000 mm

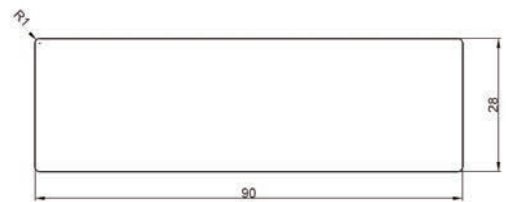
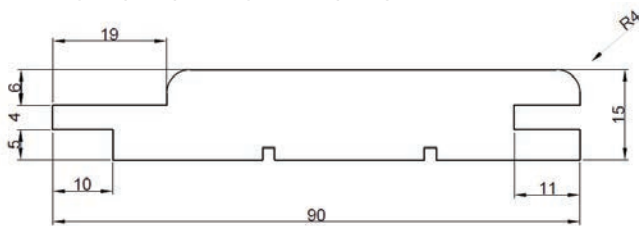
Packing: 6 pcs/package, 264 pcs/pallet

Bench Profile -**PLANED BOARD SHP**

Dimension: 28 x 90 mm

Lengths: 2400, 2700, 3000 mm

Packing: 4 pcs/package, 336 pcs/pallet



Thermo Aspen

Thermo Aspen is completely natural - the thermal modification process uses only heat and steam, making it more durable and stable. This heat treatment creates an attractive darker brown shade of wood. We offer a Softline profile with an extended tongue and groove that visually eliminates the natural shape changes in the wood due to moisture changes and planed boards bench profiles.

Technical details:

Deciduous, soft and light wood, colour slightly brown due to thermo treatment
Grade A

Average density	0.450 g.cm-3
Longitudinal drying	0.3%
Radial shrinkage	5.2%
Drying in Tangential direction	8.3%
Volumetric drying	13.8%
Durability class	5

Sauna deck -**SOFTLINE PROFILE STP**

Dimension: 15 x 90 mm
Lengths: 2100, 2400, 2700, 3000 mm
Packing: 6 pcs/package, 264 pcs/pallet

Bench Profile -**PLANED BOARD SHP**

Dimension: 28 x 90 mm
Lengths: 2100, 2400, 2700, 3000 mm
Packing: 4 pcs/package, 336 pcs/pallet



Stability

Longitudinal stability thanks to significantly reduced content balance humidity



Environment

The wood is improved through the use of non-chemical processes



High durability

Improved durability and high resistance to rot



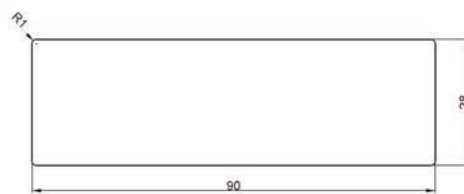
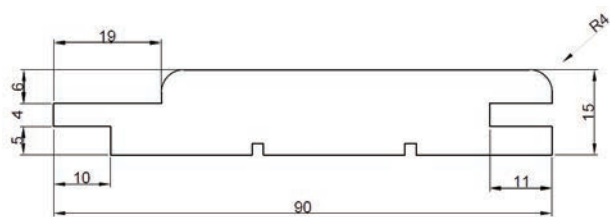
Easy

Easy handling and thermal reduction conductivity



Aesthetic appearance

A warm shade that creates a pleasant atmosphere and luxury appearance



Western red cedar

Western red cedar is the ideal material for the sauna. It does not exude resin, repels water and does not overheat. Red cedar is known for its pleasantly rich aroma and the wood's popular reddish colour in many natural shades. Offered in Softline profile with extended tongue and groove, and due to the high stability of the wood.

Technical details:

Coniferous, without resin tubes, softwood and light wood, heartwood, heartwood pinkish-brown to reddish-brown, narrow - whitish, characteristic odour
CLEAR grading (A)

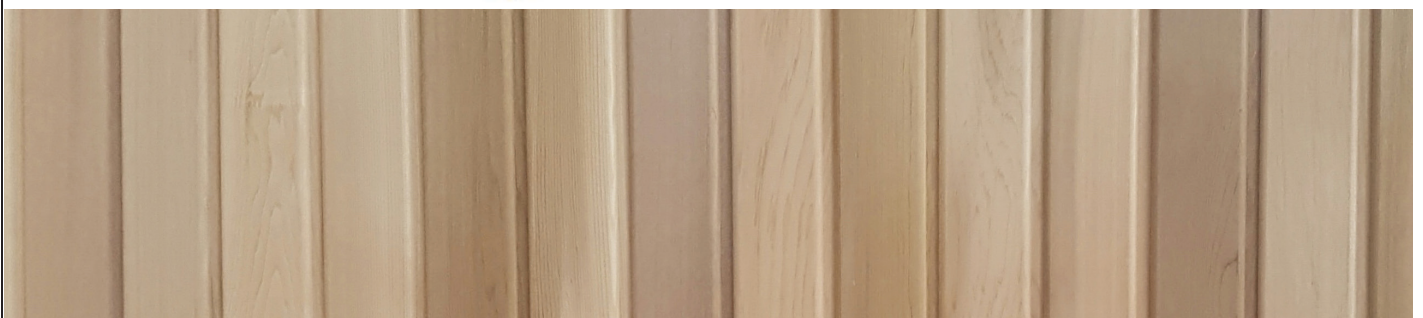
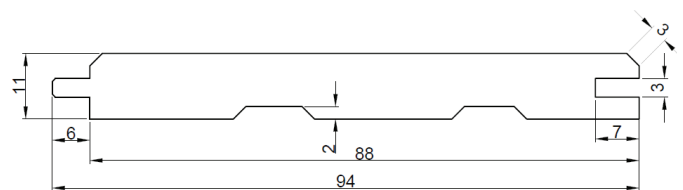
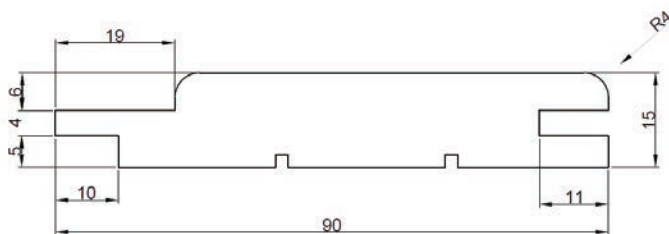
Average density	0.375 g.cm-3
Longitudinal drying	0.2%
Radial shrinkage	2.4%
Drying in Tangential direction	5%
Volumetric drying	7.6%
Durability class	2-3

Sauna deck – **SOFTLINE PROFILE**

Size: 15 x 90 mm
Lengths: 915, 1219, 1524, 1828, 2133, 2438, 2743, 3048 mm
Packing: 1 piece

Sauna deck – **CLASSIC PROFILE**

Size: 11 x 94 mm
Lengths: 910, 1220, 1520, 1830, 2130, 2440, 2740, 3050, 3350, 3660,
Packing: 10 pcs/package,



Real SAUNA PROFILES®

All our sauna profiles are wrapped in foil in bundles:
(sample packaging)



 **Au-Mex Ltd.**
all about wood

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