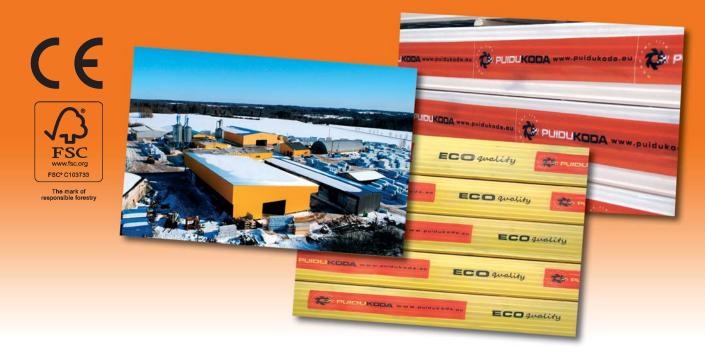




Wood for life



About us

Puidukoda is a fast growing Estonian timber processing enterprise, founded in 1997 and situated in South-Estonia. Our main business activity is the production and sales of **NORDIC Softwood** (Nordic Spruce - Picea Abies, Nordic Pine - Pinus Sylvestris Siberian Larch - Larix Sibirica) Planed Timber and Profiled Boards.

Puidukoda is operating with 2 hightech, flexible and fully automated production lines including sorting, cross-cutting and shrink-wrapping, erected in 2004 and fully renovated in 2010 and in 2014.

We offer several treatment and value-adding possibilities - surface coating (painting and lacquering), cross-cutting to fixed lengths. end-matching and labelling.

Sawn timber that is being used as raw material is High-Quality Nordic Softwood.

Environment & Sustainability

Wood, plastic and metal residue generated in the production process is being recycled 100%.

Profiled boards and C18/C24 construction timber produced by Puidukoda are in accordance with CE regulations EN14081-1:2005 and EN14915:2006.

Trade Mark

"Wood For Life" is a trade mark used by Puidukoda since 2009 on all packaging including plastic covers and thermo-foil.

Products marked with "Puidukoda -Wood For Life" trade mark stand for High-Quality Nordic Softwood, outstanding planing quality and reasonable price!

Since 2010 April we are producing B and C quality products with yellowcolored thermo-foil "ECO-quality".

Technology

Line 1

Fully automated planing line producing Profiled Boards (Exterior Panelling,

- Interior Panelling, Flooring):
 Planing machine Weinig-Waco
 Hydromat XL30 9-spindle planer.
 Band saw Waco BKL Twin 2-band.
- Automated stacking and packing. Possible to sort into 3 quality classes simultaneously.
- Automated bundling and shrink-wrapping Fisher SFV 1000M.
- · Automated moisture content evaluation.
- Automated cross-cutting for DIY lengths.

Line 2

Fully automated planing line producing Profiled Boards (Exterior Panelling, Interior Panelling, Flooring):
Planing machine Weinig-Waco
Hydromat 3500 – 9-spindle planer.
Band saw Waco BKL Twin – 2-band.

- Automated stacking and packing Possible to sort into 2 quality classes simultaneously.
- Automated bundling and shrink-wrapping Fisher SFV 1000M.
- Automated moisture content evaluation.
- End-Matching Flessum Norway double-end tenoner for lengths up to 6000 mm.

Optimizing & Cross-Cutting

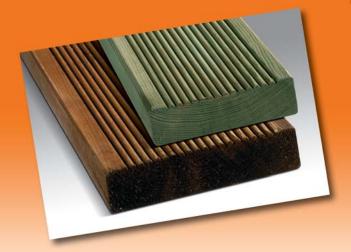
· Paul Maxi 4,0MV optimizing & crosscutting saw with camera sorting.

Surface Coating (Painting and Lacquering)

- Ceetec painting machine for primer
- Kremling Rexson Airlines high pressure painting line for high quality surface coating and lacquering.

 Cefla Transversal Drying Owen









Surface Coating & Treatment possibilities

Vacuum Pressure Impregnation

- Vacuum Pressure Treatment with Tanalith E and Tanatone copper triazole technology.
 Vacuum Pressure Treatment with
- Vacuum Pressure Treatment with Osmose Naturewood Alkaline Copper Quaternary (ACQ) technology.
- Chrome and arsenic free, environmentally friendly treatment for decking, cladding and construction timber.
- Treatment classes Class 2 (UC2), Class 3 (UC3) and Class 4 (UC4) according to EU standard EN, Brittish standard BS and French standard CTB.
- Also available treatment according to Nordic NTR standard, tretament classes NTR-A and NTR-AB.
- Service life of pressure treated timber is from 15 up to 30 years depending on the treatment class.
- Available in Green and Brown color.

Surface treatment for Interior products

- Staining with translucent waterborne alkyd/acrylic wood stains by Teknos, Finland.
- Lacquering with water-borne acrylic lacquers by Teknos, Finland. Available clear and in translucent colors, including translucent white.
- Painting with water-borne acrylic paints by Teknos, Finland.
 Available in clear white and in all known color tones (also RAL and NCS).
- Waxing with water-borne Teknowax by Teknos, Finland. Available in translusent colors including translusent white.

Surface treatment for Exterior products

- Primer coating with water-borne alkyd or alkyd/acrylic primers by Teknos, Finland. Primer is being applied on all sides, also back side, giving the cladding extra durability and stability.
- Painting with water-acrylate semimatt exterior paints by Teknos, Finland. Available in all known color tones (also RAL and NCS). Guaranteed finishing quality and durability.

Minimum Service Life for covering paint with 3 layers finish (primer and 2 layers of top coat, total paint layer thickness 375 microns wet film) is 10 years for fine sawn surface and 7 years for well planed surface.

Minimum Service Life for translucent paint with 3 layers finish (primer and 2 layers of top coat, total paint layer thickness 375 microns wet film) is 7 years for fine sawn surface and 3 years for well planed surface.

Depending on the color tone, achitectural design and location of the building. For more details please contact us.





Larch treatment

A new type of wood, high-quality Siberian Larch has been added to Puidukoda's product selection. To ensure evenly high quality, we obtain the raw material straight from the best region of growth in Irkutsk oblast and only from selected suppliers.

Compared to spruce and pine, Siberian larch is more weather-proof because of its more dense wood structure (about 40% higher density than spruce/pine) and high content of resin. Because of this, larch doesn't need extra treatment and can be installed in its natural state even in external conditions. Over time the natural larch will obtain a grey shade in external conditions without losing its durability.

To obtain a grey shade immediately, we can treat the wood with a ferrous sulphate (FeSO₄) solution. Ferrous sulphate needs sunlight and moisture for the oxidation process, so the nice silver grey look will finally unify during 2-3 months after installation of the cladding. Due to the fact, that the siberian larch is uneven in color, it varies from light yellow to dark red due to different resin amount in every board, the grey color after FeSO₄ treatment will very also depending on how yellow or red every board was before the treatment.

Since the sulpahte residues react also with other materials (metals, concrete, other wood species, natural stone etc.), please consider this fact when You install the Ferrous sulphate treated cladding. If the sulphate residue leaks on other materials, You have to clean it immediately with warm water and cleaning agent.

For the fastening of Siberian Larch, ONLY acidproof A4 stainless steel screws must be used because of the high natural acid, tannin content in the Siberian Larch wood. Also minimum thickness of the screws should be at least 5 mm to prevent the breaking of screws due to higher inner tensions of the Siberian Larch. For the fastening of 21 mm thickness we recommend minimum 5 x 70 mm and for 28 mm thickness minimum 5 x 90 mm A4 acidproof stainless steel screws.

For other shades we treat larch with a tinted stain or we use hot-oiling with Osmose natural linseed oil (walnut brown shade). We offer larch mainly in lengths of 4.0 m.

Currently in the product selection: Decking 21 x 145 mm, 27 x 144 mm and 28 x 145 mm.

External cladding 21 x 145 mm and 22 x 146 mm.

4-sides planed timber 21 x 70/145 mm, 28 x 45/70/145 mm and 45 x 45/70/145 mm.

Painted exterior Cladding with warranty

Puidukoda has, together with paint producer Teknos from Finland developed an industrially painted cladding system with up to 10–15 years warranty. We are looking for local distributors worldwide, who would be interested to build up the local market for prepainted exterior claddings with warranty on them.

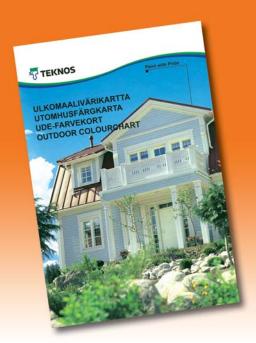
Waxed interior Siding

For waxing we are using a waterbased interior finishing wax, Teknowax by manufacturer Teknos, that has a standard shade of white. In the waxing process, boards are sanded, then a layer of wax is applied on our highpressure spraying line; after the drying oven, special polishing brushes, which provide an evenly smooth and silky finish, polish the boards. When compared to other surface treatments used in interiors, waxed surfaces are natural, warm as well very easy to clean and durable. Waxing is our least costly surface finish for interior siding, as the waxing process is simpler and quicker than other methods for treating interior siding boards.

Osmose linseed oil

In cooperation with Hansacom Ltd. we offer the finishing of timber with Osmose natural linseed oil as an alternative to industrial painting. Oil treatment protects the wood from humidity and UV-radiation and gives it a lasting shade that is not possible to obtain with pressure impregnation. It is a treatment method widely spread in Scandinavia, which has proven itself in the northern climate and now it has arrived in Estonia.

The oiling is done by using the autoclave method but instead of chemical wood protection agent, the wood is deep-impregnated with a natural heated linseed oil that gives the wood a brown walnut shade. The linseed oil that has become significantly more viscose with heating will be pushed deep into the wood with high pressure in the autoclave. Compared to manual oiling this gives the wood significantly better durability, weather resistance and a longer maintenance period (15–25 years, depending on the application). For soft wood types (spruce/pine) preliminary pressure impregnation is recommended (especially for decking boards), that protects it from bluing, mould and fungi. Naturally strong species (larch) doesn't require additional treatment prior to oiling.







Recommended Covering color tones by Teknos.

NOTICE! The color tones are printed on paper and may vary in real life.

Toe koemaalaus.
Kun olet löytänyt sävyn, josta pidat, osta koepunkii ja maalaa kokeelai noin neliömetrin kokoinen alue. Anna kuivua ja tarkastele sävyä rauhassa vuorokauden eri alkoina.

(3D) Måla innan du målar. Köp en provburk av den kulör du valf och måla en bit av väggen innan du bestämmer dig. Måla minst en kvadnatmeter, likt lorka och tilta sen hur det ser ut under dygnets cilka timmar.

(Dis) Provensa Inden ou mater. Kob ett fydende farviekort (pravedáse) og mal licit af væggen, inden du bestemmer dig. Mall mindst en kvadratmeter, lad det farmi og så så hvordan, det tager sig ud på forskellige tider af rågnet.

Buy a can of paint and paint about one square meter area. Let it dry and take your time to check the shade in different times of the day.

Osta proovivitiv je várví prooviks um bes nustmeetrisuurum pind. Lase vár vil kulvada ja kontrolli várvítooni sobi vust päeve en aegadel.

ному метру. Дайте краске высохнуть и проверьте оттенок в разное время в течения суток.

(E) Przetestuj farbę.

Кир риазке farby i pomaká ok. 1 m²

CSD Zkušební nátěr. Naneste na fasádu vzorek así o plo še 1 m². Nechte zaschnout a pozo níje odstín v klidu v různých denních dobách.

Vásarojon tesztřestéket és fessen le kb. 1 mř felüléset. Várja meg a száradási időt és ellenőrizze a színámyalatot különböző napszakokban.

7110 valksiner/white = PMBase 7210 musta/black





7123

7323

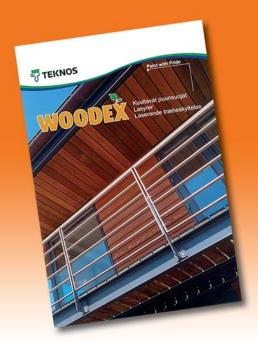
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7523













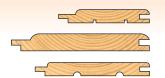
Recommended Translucent color tones by Teknos.

NOTICE! The color tones are printed on paper and may vary in real life.









$\textcircled{1} \ \mathsf{STP} \cdot \mathsf{UTP} \cdot \mathsf{SOFTLINE}$

Dimension	Specie	Surface quality	Standard	Order	Pcs in bundle	Pcs in pack	
9 x 96	WW/RW	FP / PT / LQ / IM		•	10	770	
12,5 x 96	WW / RW	FP / PT / LQ / IM	•		8	616	
12 x 121	WW / RW	FP / PT / LQ / IM		•	8	504	
14 x 96	WW	FP / PT / LQ / IM	•		8	528	
14 x 121	WW	FP / PT / LQ / IM	•		8	432	
15 x 121	WW	FP / PT / LQ / IM		•	8	432	
18 x 121	WW	FP / PT / LQ / IM		•	6	324	
18 x 146	WW	FP / PT / LQ / IM		•	6	252	
18 x 196	WW	FP / PT / LQ / IM		•	5	200	
19 x 96	WW	FP / PT / LQ / IM		•	6	396	
19 x 121	WW / RW	FP / PT / LQ / IM	•		6	324	
19 x 146	WW	FP / PT / LQ / IM	•		6	252	
21 x 96	WW	FP / PT / LQ / IM		•	5	385	
21 x 121	WW	FP / PT / LQ / IM		•	5	315	
21 x 146	WW / LH	FP / PT / LQ / IM		•	5	245	

FP fine planed	BP bandsaw	HM Hit&Miss	PT painted	LQ lacquered	IM impregnated	ww spruce	RW pine	LH larch	
	surface	planed							





② STV · UTV · PTGV Open-Channel

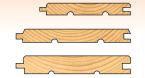


Dimension	Specie	Surface quality	Standard	Order	Pcs in bundle	Pcs in pack
12,5 x 96	WW / RW	FP / PT / LQ / IM	•		8	616
12 x 121	WW / RW	FP / PT / LQ / IM	•		8	504
14 x 96	WW	FP / PT / LQ / IM		•	8	528
14 x 121	WW	FP / PT / LQ / IM		•	8	432
15 x 121	WW	FP / PT / LQ / IM		•	8	432
18 x 95	WW	FP / BP / PT / LQ / IM		•	6	396
18 x 120	WW/RW	FP / BP / PT / LQ / IM	•		6	324
18 x 145	WW	FP / BP / PT / LQ / IM	•		6	252
19 x 96	WW	FP / PT / LQ / IM		•	6	396
19 x 121	WW	FP / PT / LQ / IM		•	6	324
19 x 146	WW	FP / PT / LQ / IM		•	6	252
21 x 96	WW	FP / PT / LQ / IM		•	5	385
21 x 121	WW	FP / PT / LQ / IM		•	5	315
21 x 146	WW / LH	FP / PT / LQ / IM		•	5	245

FP fine planed	BP bandsaw	HM Hit&Miss	PT painted	LQ lacquered	IM impregnated	WW spruce	RW pine	LH larch	
o piaou	surface	planed	paintoa	idoquoiou	p. og.a.oa	00.000	pillo	10.1011	







③ STF · UTF · PTGV

Dimension	Specie	Surface quality	Standard	Order	Pcs in bundle	Pcs in pack	
9 x 96	WW / RW	FP / PT / LQ / IM		•	10	770	
12,5 x 96	WW	FP / PT / LQ / IM	•		8	616	
12 x 121	WW / RW	FP / PT / LQ / IM	•		8	504	
14 x 121	WW	FP / PT / LQ / IM		•	8	432	
15 x 121	WW	FP / PT / LQ / IM	•		8	432	
18 x 121	WW / RW	FP / PT / LQ / IM		•	6	324	
18 x 146	WW	FP / PT / LQ / IM		•	6	252	
19 x 96	WW	FP / PT / LQ / IM		•	6	396	
19 x 121	WW	FP / PT / LQ / IM	•		6	324	
19 x 146	WW	FP / PT / LQ / IM		•	6	252	
20 x 196	WW	FP / PT / LQ / IM	•		5	200	
21 x 96	WW	FP / PT / LQ / IM		•	5	385	
21 x 121	WW	FP / PT / LQ / IM		•	5	315	
21 x 146	WW / RW / LH	FP / PT / LQ / IM		•	5	245	
22,5 x 121	WW	FP / PT / LQ / IM		•	5	270	
28,5 x 121	WW	FP / PT / LQ / IM		•	4	216	
28,5 x 146	WW / RW	FP / PT / LQ / IM		•	4	168	

FP	BP	НМ	PT	LQ	IM	ww	RW	LH
fine planed	bandsaw	Hit&Miss	painted	lacquered	impregnated	spruce	pine	larch
	surface	planed						





4 UYV



Dimension	Specie	Surface quality	Standard	Order	Pcs in bundle	Pcs in pack
18 x 95	WW	FP / BP / PT / LQ / IM	•		6	396
18 x 120	WW / RW	FP / BP / PT / LQ / IM	•		6	324
18 x 145	WW	FP / BP / PT / LQ / IM	•		6	252
21 x 95	WW	FP / BP / PT / LQ / IM	•		5	385
21 x 120	WW	FP / BP / PT / LQ / IM	•		5	315
21 x 145	WW / LH	FP / BP / PT / LQ / IM	•		5	245

surface planed		FP fine planed	BP bandsaw surface	HM Hit&Miss planed	PT painted	LQ lacquered	IM impregnated	ww spruce	RW pine	LH larch
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SPECIAL PROFILES

	Dimension	Specie	Surface quality	Standard	Order	Pcs in bundle	Pcs in pack
UTK	18 x 145	ww	FP / PT / LQ / IM	•			252
	19 x 96	WW	FP / PT / LQ / IM		•	6	396
Loglap	21 x 120	WW	FP / PT / LQ / IM	•		5	315
	28 x 145	WW	FP / PT / LQ / IM	•			175
	28 x 120	WW	BP / PT / LQ / IM		•		225
UYL	28 x 145	WW	BP / PT / LQ / IM		•		175
	34 x 145	WW	BP / PT / LQ / IM		•		147
	34 x 195	WW	BP / PT / LQ / IM		•		150
	44 x 195	WW	BP / PT / LQ / IM		•		80
	18 x 95	WW	FP / BP / PT / LQ / IM		•	6	396
Romb	18 x 120	WW	FP / BP / PT / LQ / IM	•		6	324
	18 x 145	WW	FP / BP / PT / LQ / IM		•	6	252
	22 x 70	WW / LH	FP / BP / PT / LQ / IM	•		6	480
	28 x 70	WW / LH	FP / BP / PT / LQ / IM	•		6	336
UYK	18 x 145	WW	FP / PT / LQ / IM	•			252
Shiplap	12 x 121	WW / RW	FP / PT / LQ / IM		•	8	504
UTK	28 x 70	WW / LH	FP / PT / LQ / IM	•		6	336
UTK	28 x 146	WW / LH	FP / PT / LQ / IM	•		4	168

FP	BP	HM	PT	LQ	IM	ww	RW	LH	
fine planed	bandsaw surface	Hit&Miss planed	painted	lacquered	impregnated	spruce	pine	larch	







6 BLOCK

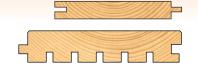
Dimension	Specie	Surface quality	Standard	Order	Pcs in bundle	Pcs in pack	
18 x 95	WW	FP / IM		•		396	
18 x 120	WW	FP / IM		•		360	
18 x 145	WW	FP / IM		•		252	
28 x 120	WW	FP / IM		•		225	
28 x 145	WW	FP / IM		•		175	
34 x 195	WW	FP / IM		•		170	
38 x 145	WW	FP / IM		•		126	
40 x 120	WW	FP / IM		•		162	
44 x 120	WW	FP / IM		•		144	
44 x 145	WW	FP / IM		•		112	
70 x 145	WW	FP / IM		•		70	

FP	BP	нм	PT	LQ	IM	ww	RW	LH	
fine planed	bandsaw surface	Hit&Miss planed	painted	lacquered	impregnated	spruce	pine	larch	









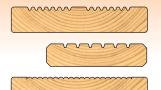
Dimension	Specie	Surface quality	Standard	Order	Pcs in bundle	Pcs in pack	
18 x 95	WW	FP		•	6	396	
18 x 120	WW	FP		•	6	324	
18 x 145	WW	FP		•	6	252	
28 x 120	WW / RW	FP / Special Dry	•		4	216	
28 x 145	WW/RW	FP / Special Dry	•		4	168	
22,5 x 121	WW	FP		•	5	270	
28,5 x 121	WW	FP		•	4	216	
28,5 x 146	WW	FP		•	4	168	
40 x 245	WW	FP / Special Dry		•		72	

FP fine planed	BP bandsaw surface	HM Hit&Miss planed	PT painted	LQ lacquered	IM impregnated	ww spruce	RW pine	LH larch	
	ouridoo	piarioa							









8 DECKING

Dimension	Specie	Surface quality	Standard	Order	Pcs in bundle	Pcs in pack	
15 x 95	WW / RW	IM		•			
21 x 120	WW / RW	IM		•			
21 x 145	WW / RW / LH	FP / IM		•		245	
28 x 95	WW / RW	FP / IM	•			275	
28 x 120	WW / RW	FP / IM	•			225	
28 x 145	WW / RW / LH	FP / IM		•		175	
33 x 95	WW / RW	FP / IM		•		242	

	FP fine planed	BP bandsaw surface	HM Hit&Miss planed	PT painted	LQ lacquered	IM impregnated	WW spruce	RW pine	LH larch	
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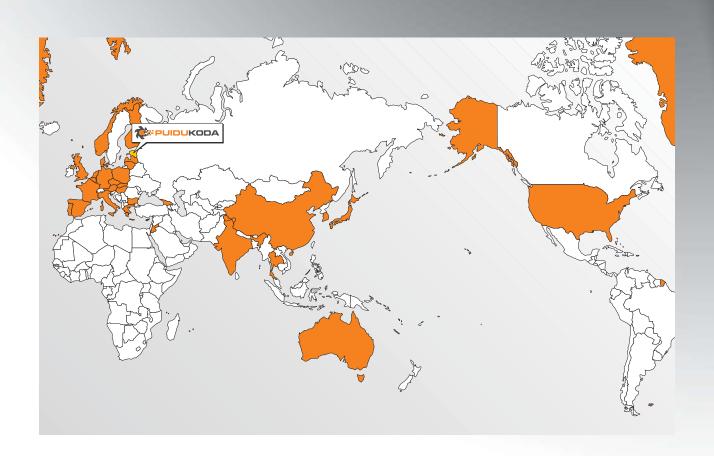




9 S4S · PAR (R = 3 mm)

Dimension	n	Specie	Surface quality	Standard	C18 / C24	Order	Pcs in bundle	Pcs in pack	
18 x	45	WW	FP/IM	•			10	880	
21 x	71	WW	HM / IM			•	5	490	
21,5 x	48	WW	HM / IM	•			10	770	
18 x	95	WW	FP/BP/IM	•			6	396	
18 x 1	120	WW /RW	FP/BP/IM	•			6	324	
18 x 1	145	WW	FP/BP/IM	•			6	252	
18 x 1	170	WW	FP / IM			•	5	240	
18 x 1	195	WW	FP / IM			•	5	200	
21 x	95	WW	FP/BP/IM	•			5	385	
21 x 1	120	WW	FP/BP/IM	•			5	315	
21 x 1	145	WW/RW	FB/BP/IM	•			5	245	
28 x	45	WW/RW/LH	FP / IM			•		528	
28 x	70	WW/RW/LH	FP / IM			•		336	
28 x	95	WW/RW	FP / IM			•		375	
28 x 1	120	WW/RW	FP / IM			•		225	
28 x 1	145	WW / LH	FP / IM			•		175	
40 x	95	WW	FP / IM	•				176	
40 x 1	120	WW	FP / IM	•				162	
40 x 1	145	WW	FP / IM	•				112	
45 x	45	WW/RW	FP / IM	•				352	
45 x	70	WW/RW	FP / IM	•	•			224	
45 x	95	WW/RW	FP / IM	•	•			176	
45 x 1	120	WW	FP / IM	•	•			144	
45 x 1	145	WW/RW	FP / IM	•	•			112	
45 x 1	170	WW	FP / IM	•	•			96	
45 x 1	195	WW	FP / IM	•	•			80	
45 x 2	220	WW	FP / IM	•	•			80	
45 x 2	245	WW	FP / IM	•	•			64	

FP	ВР	НМ	PT	LQ	IM	ww	RW	LH
fine planed	bandsaw	Hit&Miss	painted	lacquered	impregnated	spruce	pine	larch
	surface	planed						



Exterior panelling, Cladding
Interior panelling
Decking
Flooring
Calibrated timber (S4S, PAR)
C18/C24 Strengthgraded timber
Siberian larch cladding and decking
Painted interior and exterior cladding

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