



OAK AND ASH

- ↪ FLOOR BOARDS
- ↪ PARQUET
- ↪ SKIRTING BOARDS

Stalgen®



Trade mark Stalgen has been created by company Amber Wood describing different hardwood products - solid floor boards, solid parquet, engineered floor boards, parquet and skirting boards. Comapny Amber Wood Ltd is located in Latvia and well known in Baltic states as a precious wood flooring plant rich in traditions. The production process includes the full wood processing cycle, starting from purchasing and sawing of saw logs and ending with sanding and oiling of floor boards. The scope of production reaches 20,000 m² of oak and ash floors per month. The company exports 80% of its products to Scandinavian and Western European countries. A wide range of technological opportunities provides us the possibility to process different kinds of surfaces according to customer's wishes customised for each order. The plant's warehouse provides for immediate availability of the chosen material and its storage in controlled climate until delivery.



SOLID FLOOR BOARDS

Solid oak and ash floor boards with sanded-cleaned surface and 1 mm bevels on 4 sides. The surface quality gives the possibility to coat the boards industrially or on the site without oversanding. A variety of different grades and surface treatments will let you choose your own unique floor design. For more information see page 4 and 5.

ENGINEERED FLOOR BOARDS

Multilayer floor boards with sanded-cleaned surface and 0,7 mm bevel on 4 sides. Floor boards are designed for laying on all types of floor foundations indoors, including concrete floors with under-floor heating. The surface quality gives the possibility to coat the boards industrially or on the site without oversanding. A variety of different grades and surface treatments will let you choose your own unique floor design. For more information see page 6 and 7.

PARQUET

Engineered and solid oak parquet in fixed length. Parquet floor boards are designed for installing on the existing foundation floor creating different patterns according to customer's wishes. Multilayer parquet are designed for laying on ordinary subfloors including heated floors. For more information see page 6 and 7.

Traditional solid oak parquet available in different length and grades. It must be oversanded after installation. For more information see page 8.

SKIRTING BOARDS

Skirting boards are a finishing element of the floor, installed after door lining is attached, walls are painted and floors are finished. Skirting boards cover the floor expansion gap along the walls. Skirting boards can be finished industrially or manually on site before installation. For more information see page 9.

FINISHING

Oxidative natural oils and hardwaxes with high solid content are used to reach highest quality of floor surface. Application of natural oil as well as hardwax is done industrially by using special dosage roller system. Natural oil is used 1 layer, it gives to wood satin mat glossiness and highlight beautiful texture of the wood. Natural oil colours see in page 10. and 11.

For oxidative hardwax 2 layer system is used (coloured hardwax + clear hardwax toplayer). 2 coat system ensure the high surface durability and chemical resistance. The colours of the hardwax coating see in page 12. and 13.



SOLID FLOOR BOARDS

Solid oak and ash floor boards with sanded surface and 1 mm bevels on 4 sides. Floor boards are designed for laying on all types of floor foundations indoors. The surface quality gives the possibility to coat the boards industrially or on the site without oversanding. A variety of different grades and surface treatments will let you choose your own unique floor design.

SPECIFICATION

Moisture content: $8 \pm 2\%$

Geometrical properties: in accordance with EN 13629:2003

Grades: Premium, Select, Living, Classic, Rustic (description see in the page 5)

OAK



- hardwax 2 coat system / natural oil
- 1,0 mm microbevels 4 sides
- extended t&g
- thickness 15 mm
- width 130, 160 mm
- length 600-2200

ASH



- hardwax 2 coat system / natural oil
- 1,0 mm microbevels 4 sides
- extended t&g
- thickness 15 mm
- width 130, 160 mm
- length 600-2200

Type of product / Wood specie	Thickness, mm	Width, mm	Length, mm
Solid floor boards / Oak, Ash	15	130, 160	600-2200
Solid parquet / Oak	15	100	300, 600



SOLID OAK FLOOR BOARDS



Premium

Select

Living

Classic

Essential

Rustic



SOLID ASH FLOOR BOARDS



Premium

Select

Rustic



ENGINEERED FLOOR BOARDS

Engineered floor boards are suitable for installation in the premises with variable temperature and air moisture content as well as on the all other common subfloors indoor. One of the most popular applications is to install the floor boards directly on the heated floors (electric or water pipe heated underfloor).

Engineered construction of multilayer floor board entails increased dimensional stability during all lifetime.

The density of plywood and oak are the same - 700 kg/m³. Thermal conductivity $\lambda=0.17$ W/(mK) for oak and plywood guarantee smooth and efficient heat flow. It makes the heating more cost effective. Fragmented plywood underlay and core-layer distress the floor board.



- hardwax 2 coat system / natural oil
- solid toplayer 4.4 mm - OAK
- fragmented birch plywood underlay
thickness 16 mm
width 210, 240, 260, 300 mm
heat resistance $R=0,0941$ m²K/W



- hardwax 2 coat system / natural oil
- solid toplayer 3.2 mm - OAK, ASH
- grooved birch underlay
thickness 12 mm
width 135 mm - 210 mm
heat resistance $R\lambda=0,0706$ m²K/W

SPECIFICATION

Moisture content: $8 \pm 2\%$

Geometrical properties: in accordance with EN 13629:2003

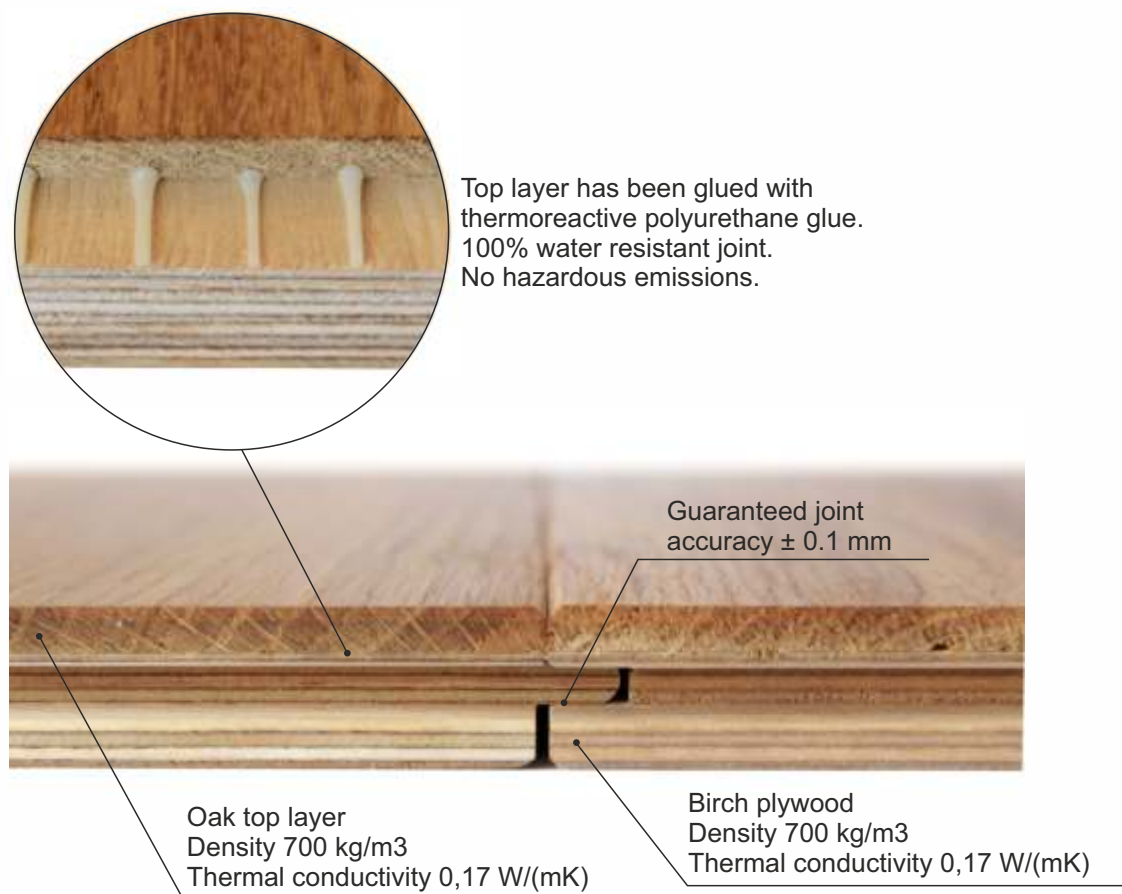
Grades: Premium, Select, Living, Classic, Essential, Rustic (description see in the page 5)

Type of product/Wood specie	Thickness, mm	Width, mm	Length, mm
Multilayer floor boards / Oak, Ash	12/3,2	165, 180, 210	600-1800, 1800, 2200, 2600
Multilayer floor boards / Oak	16/4,4	210, 240, 260, 300	600-2200, 2200, 2700
Multilayer parquet / Oak	12/3,2	135	675, 810

ADVANTAGES OF THE ENGINEERED FLOOR BOARDS

Important advantages of the Stalgen engineered floor boards compared with other similar products:

1. Fragmented plywood underlay (FPU) ensure an increased dimensional stability:
 - avoid deformations in longitudinal direction;
 - restricts deformations in cross-section;
 - avoid a rise of the inner stresses in the floor board due to change of air humidity and temperature;
 - provides an flexibility of the floor boards.
2. High density of the plywood and oak top layer 700 kg/m^3 gives an excellent heat conductivity $0,17 \text{ W/(mK)}$, and long-lasting floor durability.
3. Formaldehyde emission less than $0,01 \text{ ppm}$ - „NAF“ („no added formaldehyd“).
4. Latest thermoreactive polyurethane glueing technology has been used for glueing oak top layer to the plywood.
5. Joint of top layer and plywood is 100 % water resistant. Glue does not contain any hazardous components.
6. High dimension stability enable to use the floating floor laying system.
7. Flexibility in longitudinal direction and extended t&g gives the possibility to easy lay of the floor for end users.





OAK PARQUET

Traditional oak parquet in fixed length. Parquet floor boards are designed for installing on the existing sub floor creating different patterns according to customer's wishes. The floor boards must be finished after installation.



Exclusive
Without knots, limited color variation.

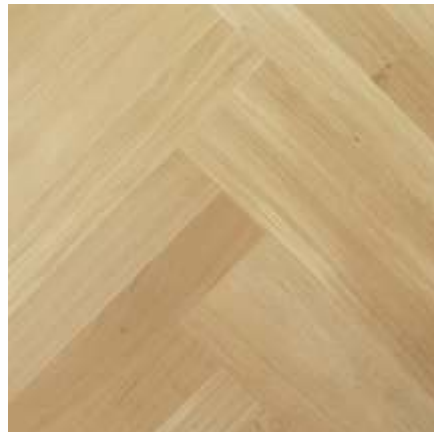


Natur
Natural wood colour, knots up to 5 mm.



Robust
Natural wood colour, sapwood allowed. Knots up to 10 mm.

Samples of few parquet flooring patterns



SPECIFICATION

Moisture content: $8 \pm 2\%$

Geometrical characteristics: in accordance with EN 13226:2009

Grades: Exclusive, Natur, Robust

Thickness, mm	Species	Width, mm	Length, mm
16	Oak	68	204, 272, 340, 408, 476



SKIRTING BOARDS

Skirting boards are a finishing element of the floor, installed after door lining is attached, walls are painted and floors are finished. Skirting boards cover the floor expansion gap along the walls. Skirting boards can be finished industrially or manually on site before installation.

SPECIFICATION

Geometrical characteristics:

thickness - 16 mm

length - finger-jointed 2500 mm, solid 1500-3000 mm

Grades:

I - without knots

II - pin knots, natural wood color

III - knots up to 25 mm, sapwood allowed

Species	Height, mm	Solid / finger-jointed	Grades
Ash	50	Solid, finger-jointed	I, II
	80	Solid	I, II
Oak	50	Solid, finger-jointed	I, II, III
	70	Solid	I, II, III



Solid ash skirting boards, height 50, 80 mm



Solid oak skirting boards, height 50, 70, 100 mm



Finger-jointed ash skirting boards, height 50 mm



Finger-jointed oak skirting boards, height 50 mm



Natural oxidative oil - OAK



Antik 200-581



Chestnut 1318



Light white 1710



Coral 200-516



Graphite 200-725



Extra white 200-204



Havana 200-517



Graphite Lite 200-870



Marone 200-808



Moorland 200-877



Sand 200-519



Onyx 200-514



Tabak 200-518



Clear 299-002



Black 200-101



Natural oxidative oil - ASH



Antik 200-581



Chestnut 1318



Light white 1710



Coral 200-516



Graphite 200-725



Extra white 200-204



Havana 200-517



Graphite Lite 200-870



Marone 200-808



Moorland 200-877



Sand 200-519



Onyx 200-514



Tabak 200-518



Clear 299-002



Black 200-101



Oxidative hardwax oil - OAK



Antique 102013



Clear white 101001/102001



Clear 101001



Dark oak 102004



Ebony 102006



Gray 102007



Graphite ii



Mahogany 102005



Medium oak 102003



Polar white 1020112X



Silver 102010



Super white 102011



Walnut 102012



Oxidative hardwax oil - ASH



Antique 102013



Clear white 101001/102001



Clear 101001



Dark oak 102004



Ebony 102006



Gray 102007



Graphite iii



Mahagony 102005



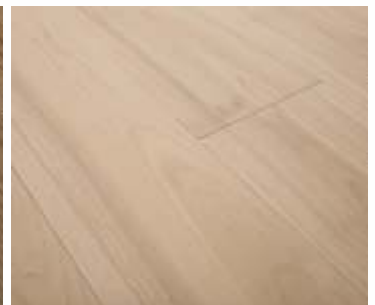
Medium oak 102004



Polar white 1020112X



Silver 102010



Super white 102011



Walnut 102012



Stalgen[®]

Amber Wood SIA

Address: Rundāles iela 11, Mežciems, Jaunsvirlaukas pagasts, Jelgavas novads, Latvija LV3001

T.: +371 27022220

E-mail: info@amberwood.lv

www.amberwood.lv

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