MULTILAYER PRODUCT
INFORMATION SHEET 2024



Plank	16mm
Chevron	16mm
Herringbone	16mm

Product Construction – Top Layer + Flexible Birch Multilayer Bottom 16mm



16 mm premium multi-layer construction;	same density 700 Kg/m3
underfloor heating - yes, the wood temperature does not exceed 28°C	
moisture content of oak top layer	8% +/- 1%
moisture content of plywood underlayer	8% +/- 1%
heat resistance	< 0,12 m2 K/W (EN 12664)



Wood Choice for Construction Multilayer 16mm ; density 700Kg/m3

Premium Grade - Our premium grade which displays a more uniform color and variation in shade. It still exhibits small areas of character which enhance the natural appearance of your exclusive floor. Planks are mostly free from knots, isolated small sound knots (buds) and slight stress cracks are possible but filled with matching color filler. Free from sapwood.

Select Grade - It is a selected quality that displays a relatively uniform appearance of the floor, but it must be taken into account that there is a variation of shade from dark to light, due to the natural character of the wood. It presents straight fibers, mirror fibers and flame-type fibers, which enhance the natural and exclusive appearance of the floor. The wood is mostly free of knots, but may have sound or filled controlled knots. Free from sapwood.

Classic Grade - contains knots and the color variation specific to oak wood. The Classic quality floor shows healthy controlled knots and sometimes hollow knots but which are filled with special paste in the color of the wood and sometimes wooden inserts to give a smooth appearance. Free from sapwood.

Rustic Grade - This type of oak boards has a bright wood pattern with natural branches up to 60 mm and loaded of up to 50 mm. Unlimited number of healthy twigs. Branching emphasizes the vibrancy of the wood and provides color diversity, which reveals the true beauty of the wood. Up to 10% of the sapwood is tolerated. Naturally occurring cracks are allowed up to 20 cm long and 5 mm wide.

Possibility of Finishing for Construction Multilayer 16mm ; density 700Kg/m3

White Annual Rings - This special feature is achieved by applying additional coating of white pigment, to create a contrasting look of surface. To ensure easy maintenance of product, additional layers of selected finishing are applied afterwards.

Natural Oxidative Oil - The natural-oiled surface is completely natural and ecological solution. Oxidative oil is product based on natural materials excluding artificial color pigments, perfumes or preservatives. It allows the floor to breath due to special open pores feature.

Brut Effect Oxidative Oil - Special finishing oil with additives of white pigments which allows creating effect of raw, unfinished looks on natural floorboards.In combination with thermo treated surfaces,final color looks more calm and cozy

Natural PU Lacquer - This finishing entirely seals the surface of the floorboards. It has matt surface and all features of traditional, easy maintainable flooring. However, this is at expense of totally natural surface.

Hardwax Oil - Hardwax is a natural non-pollutant, non-toxic product produced from natural materials such as vegetable oil and natural waxes. The special features of this finish allow the oils to penetrate deeply into the wood pores and create a protective layer resistant to watermarks and stains such as wine, beer, cola, coffee, tea, fruit juices, and milk.

Technical Specification for Construction Multilayer 16mm

Quality of Under Layer	**Water Resistant Plywood (D3) of Birch - density 700kg/m3**	
Length of board	1200-2200mm and 2200-3000 mm	+/- 0.50mm
Width of board	210, 240 and 300mm	+/- 0.10mm
Width of chevron	135mm	+/- 0.10mm
Width of herringbone	135mm	+/- 0.10mm
Total Thickness of board/chevron	16 mm	+/- 0.50mm
Thickness of Top Layer	**4,5 mm oak - density 700kg/m3**	**+/- 0.25mm**
Bevel length side	1.0 mm x 1.0 mm	
Bevel at the end	1.0 mm x 1.0 mm	
Tongue	with small bevel	
Tongue and groove space	ca. 0,35mm	+/- 0.05mm (max).
Groove	no fibers, pure and clear.	

Underfloor Heating (hot water - based system) compatible - maximum wood floor temperature does not exceed 27°C. Heat resistance < 0,12 m2 K/W (EN 12664)

Surface clear and smooth, no chipped, no rupture, no knife-machine marks, repaired with filler.

Bending is permitted in positive direction max. 1.5% in the length and 0.3% in the width of the plank. The glue between the top layer and the under layer is EPI - system (specification on separate sheet). The ends of the planks are always right angles of 90° exactly.

Packing for Construction Multilayer 16mm

Pieces per packet	5 pcs in wrapped foil (one broken length in packet is allowed)
Weight per m2	11,0 kg/m2
One pallet	1 size/ 1 selection

For more information – see packing information brochure.

Mechanical Texturing of the Surface for Construction Multilayer 16mm

Light Structure - light brushing (standard production)

Medium Structure - medium brushing (on demand)

Deep Structure - hard brushing (on demand)

Saw Marks Structure - brushing + transverse saw marks (on demand)

Fortified Structure - surface obtained by combining structuring technology with handwork. As a result, only the hardest wood structure forms the surface. (on demand)

Installation for Construction Multilayer 16mm

Joint construction

- the thickness of the tongue cca. 5mm
- the joint construction allows several re-sanding of the top layer (3 times)
- the construction of the tongue allows tight installation in the groove
- the tongue and groove joint construction incorporates space for extra glue (glue pocket) – floating installation;

Moisture content

- Top layer /Natural & Smoked Wood Species 8.0% +/- 1%
- Birch Plywood Under layer 8.0% +/- 1%

Grading for Construction Multilayer 16mm

PREMIER



SELECT



CLASSIC



RUSTIC





Factory - **AMBER WOOD SIA** - Latvia

Rundāles iela 11, Mežciems, Jaunsvirlaukas parish,
Jelgava county, LV3001

phone +371 27022220

info@amberwood.lv
http://www.stalgen.com/

Office - **GRISCO CONSTRUCT** - Romania

Grigore Gafencu 78-84, villa F2, district 1
Bucharest, Romania, postal 014132

phone +40 745517538

office@grisco-construct.ro
https://grisco-construct.ro/