

CATALOG

2023
WOOD
PRODUCTS





Dear colleagues and business partners!

Vigil Export Import Trading Ltd is excited to present our collection of wood products, produced using advanced technology and equipment from renowned global brands, that along with top-notch materials and resources allow to manufacture exceptional products.

We invite all interested parties to long-term and mutually beneficial cooperation. Our company is also open to new construction projects both in Turkey and in any safe country in the world, based on the principles of mutual respect and trust of partners, responsibility and professionalism, effective management and mutual commercial interest.

Our company is your reliable business partner, who can offer modern solutions to all your tasks.

Yours sincerely,

Mr. Arshad Abdulhamid

Director

Vigil Export Import Trading Ltd

Vigil Export Import Trading Ltd offers the following products:

- Plywood
- MR
- WBR
- FOF
- MDF (medium density fiberboard)
- HDF (high density fiberboard)
- MDF.H (water-resistant fiberboard)
- MDF laminated
- Chipboard
- Laminated chipboard
- Fiberboard
- Laminate flooring
- Chipboard fast floor
- Latoflex
- Wood pellets
- Fuel briquettes RUF

Vigil Export Import Trading Ltd invites to cooperate:

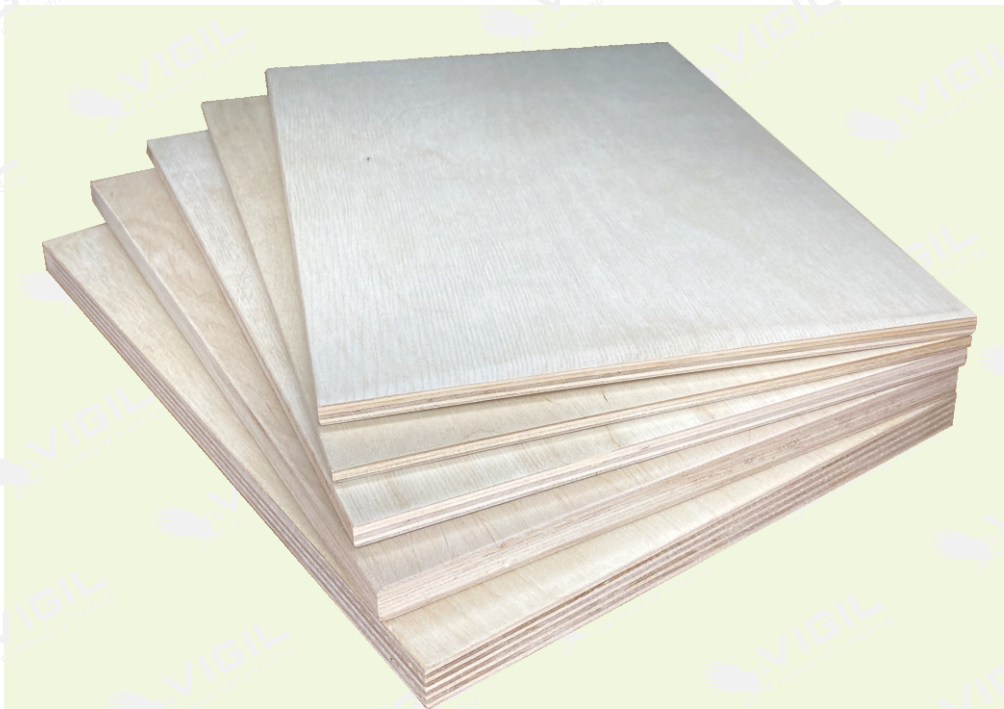
- Construction companies
- Construction store chains
- Furniture factories
- Companies operating in the market of household goods and construction

Plywood MR

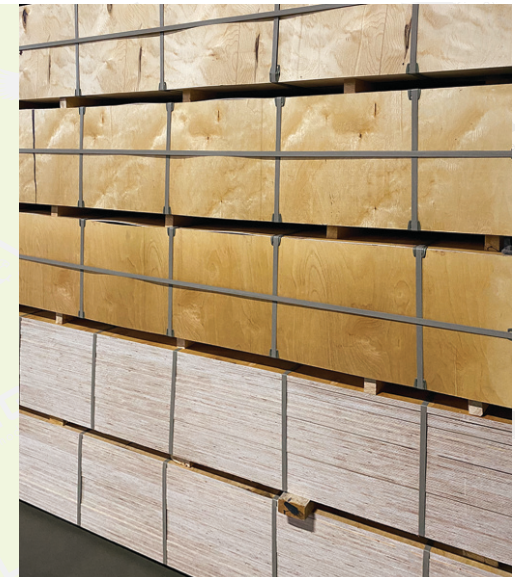
The basis for the production of plywood is the manufacture of veneer. This material is produced from logs-short-cut wood. Only high-quality veneer from softwood species (birch, alder) is used by manufacturing of the plywood surface layers. The quality of the plywood is defined according to its face and back veneer grade. Veneers sheets are glued together by the hot compaction on the hydraulic press. There is usually an odd number of layers. After aging, the pressed sheets of plywood are cut on 4 sides to meet the requirements of product standards. The mechanical surface treatment – sanding – is carried out on the final stage of the plywood production processing.

Plywood MR is a general purpose waterproof plywood for indoor use with hardwood veneer outer layers.

Areas of use: For indoor use.



Sheet size: **1525x1525 mm**
 Sheet thickness: **4-24 mm**
 Wood species: **Birch / Alder**
 Moisture: **< 10% (actually 6-8%)**
 Density: **620-670 kg/m³**
 Emission class: **E0.5**
 Grade: **I/II, II/II, II/III, II/IV, III/III, III/IV, IV/IV**
 Processing type: **sanded, unsanded**



Loading standards of plywood MR in 1525x1525 mm format

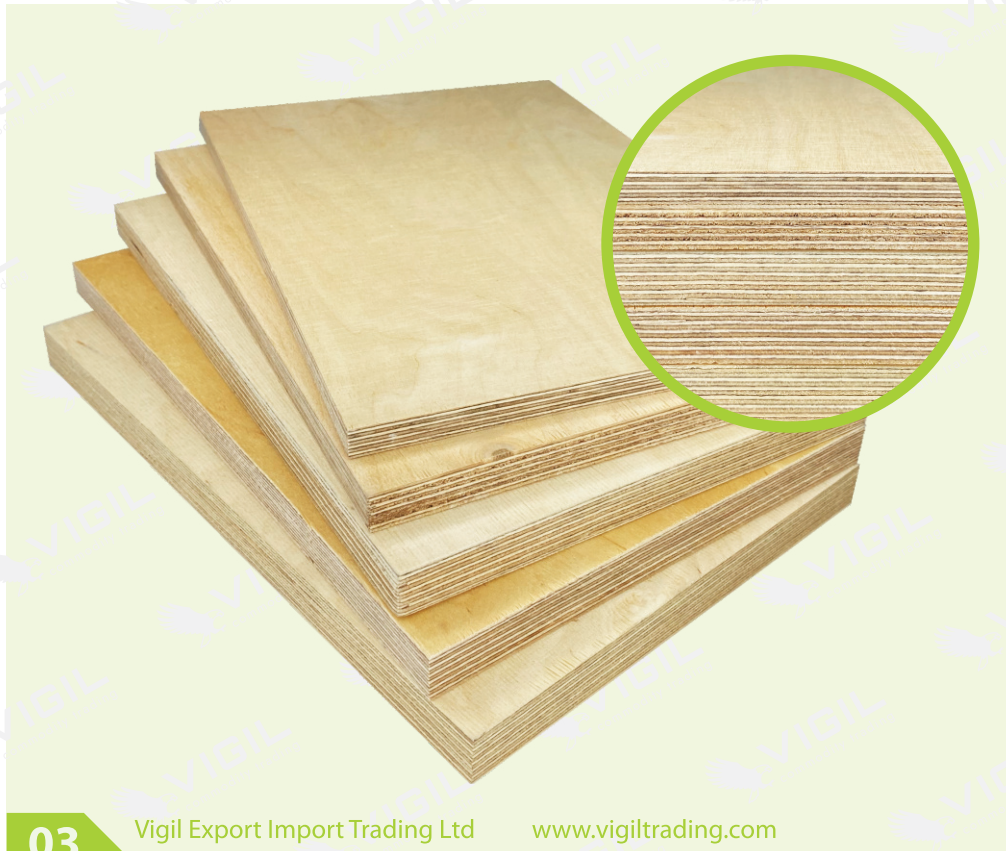
Pack	Sheet thickness, mm										
	4	5	6	8	9	10	12	15	18	21	24
Number of sheets, pcs	100	80	65	50	44	40	33	26	22	19	16
Surface area, m ²	232,563	186,050	151,166	116,281	102,328	93,025	76,746	60,466	51,164	44,187	37,210
Volume, m ³	0,93025	0,93025	0,90699	0,93025	0,92095	0,93025	0,92095	0,90699	0,92095	0,92792	0,89304
Gross weight, kg	644	644	629	644	638	644	638	629	638	643	620



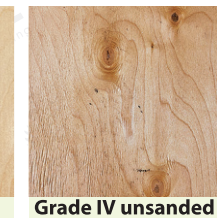
Plywood WBR

Plywood WBR is a large-size plywood with increased water resistance, which is made using phenol-formaldehyde glue. WBR plywood can be recognised by the characteristic dark adhesive interlayers of phenol-formaldehyde glue.

Areas of use: For indoor and outdoor use. Due to the multiple veneer layers this product has high resistance to deformation and can be used for facade cladding and other outside works. High wear resistance and resistance to changes in humidity levels and air temperature makes this product relevant for use in the building of roof space, suspended ceilings, floor insulation, manufacture of billboards and street fencing. Plywood WBR is popular in railway car manufacturing, shipbuilding, in the production of cars (interior) and packaging.



Sheet size: **1250x2500 mm**
 Sheet thickness: **6-30 mm**
 Wood species: **Birch / Alder**
 Moisture: **< 10% (actually 6-8%)**
 Density: **680-730 kg/m³**
 Emission class: **E0.5**
 Grade: **II/II, II/III, II/IV, III/IV, IV/IV**
 Processing type: **sanded, unsanded**



Loading standards of plywood WBR in 1250x2500 mm format

Pack	Sheet thickness, mm										
	6	8	9	10	12	15	18	21	24	27	30
Number of sheets, pcs	70	52	46	42	35	28	23	20	17	15	14
Surface area, m ²	218,750	162,500	143,750	131,250	109,375	87,500	71,875	62,500	53,125	46,875	43,750
Volume, m ³	1,31250	1,30000	1,29375	1,31250	1,31250	1,31250	1,29375	1,31250	1,27500	1,26563	1,31250
Gross weight, kg	952	943	939	952	952	952	939	952	926	920	952



Plywood FOF

Plywood FOF is a large-size plywood with increased water resistance, which is made using phenol-formaldehyde glue and additionally laminated in a multi-span press. The film is applied on top of plywood has a dark brown opaque colour, the density of which is 120 g/m². The texture of the laminated surface can be of two types: smooth (S) and grid (G).

Plywood FOF-S2 – veneer sheets have a smooth surface on both sides.

Areas of use: For formwork and outdoor use. The recommended thickness is 18-21 mm. When the concrete has dried and settled the formwork can easily be removed and reused for next cycle. Our veneered plywood has a high quality of gluing as well as high quality film, which means that multiple uses of the same sheet of veneer plywood will not deteriorate the quality of monolithic slabs.

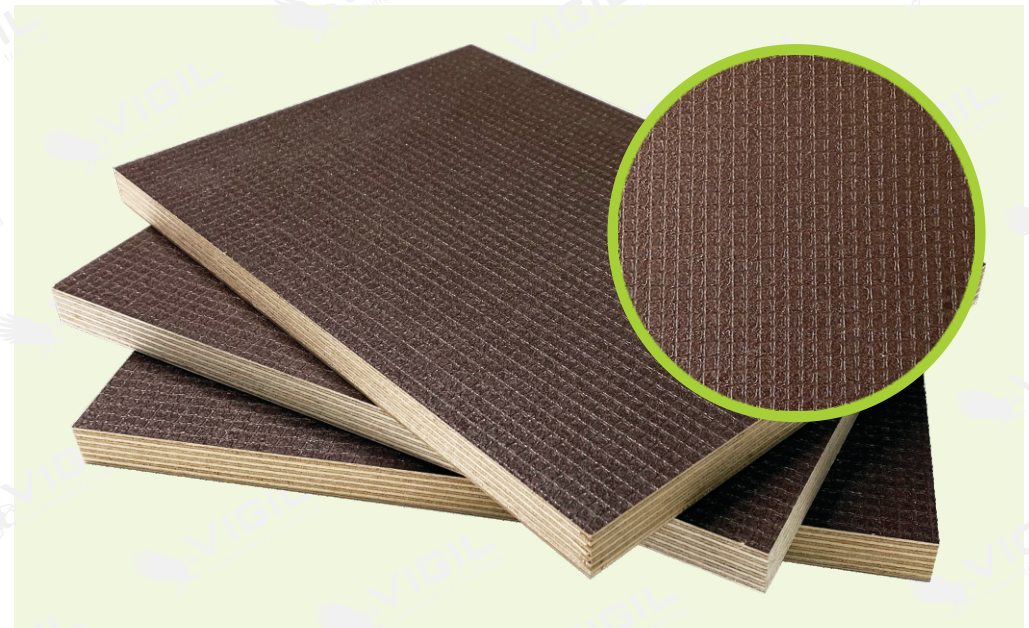


Sheet size: **1250x2500 mm**
 Sheet thickness: **9-30 mm**
 Wood species: **Birch / Alder**
 Moisture: **< 10% (actually 6-8%)**
 Density: **680-730 kg/m³**
 Emission class: **E0.5**
 Grade: **I/I, I/II, II/II**



Plywood FOF-G1 – veneer sheets have a structured grid surface on one side and a smooth surface on other side.

Areas of use: Flooring material in trucks, rail cars, containers and buses, as well as for reusable flooring for scaffolding and stair slabs.



Loading standards of plywood FOF in 1250x2500 mm format

Pack	Sheet thickness, mm										
	6	8	9	10	12	15	18	21	24	27	30
Number of sheets, pcs	70	52	46	42	35	28	23	20	17	15	14
Surface area, m ²	218,750	162,500	143,750	131,250	109,375	87,500	71,875	62,500	53,125	46,875	43,750
Volume, m ³	1,31250	1,30000	1,29375	1,31250	1,31250	1,31250	1,29375	1,31250	1,27500	1,26563	1,31250
Gross weight, kg	952	943	939	952	952	952	939	952	926	920	952



MDF

MDF is a medium density board material made by dry pressing of fine wood shavings at high pressure and temperature.

Areas of use:

- Construction industry (finishing of floors and ceilings, wall cladding, soundproofing).
- Furniture industry (manufacture of furniture, semi-finished interior doors, facades, laminate flooring).
- Production of packaging.



Sheet size: **2800x2070, 3660x1830, 2440x1830, 2440x1220 mm**
 Sheet thickness: **6-40 mm**
 Moisture: **< 10% (actually 6-8%)**
 Density: **720-750 kg/m³**
 Emission class: **E1, E0.5**
 Grade: **I**



Loading standards of MDF in 2800x2070 mm format

Pack	Sheet thickness, mm						
	6	8	10	12	15	18	19
Number of sheets, pcs	80	61	48	40	30	27	25
Surface area, m ²	463,680	353,556	278,208	231,840	173,880	156,492	144,900
Volume, m ³	2,78208	2,82845	2,78208	2,78208	2,60820	2,81686	2,75310
Gross weight, kg	2380	2415	2328	2328	2215	2241	2193

Pack	Sheet thickness, mm						
	22	25	28	30	35	38	40
Number of sheets, pcs	22	18	17	16	14	13	12
Surface area, m ²	127,512	104,328	98,532	92,736	81,144	75,348	69,552
Volume, m ³	2,80526	2,60820	2,75890	2,78208	2,84004	2,86322	2,78208
Gross weight, kg	2232	2085	2198	2215	2244	2247	2187



HDF

HDF is a high density board material made by dry pressing of fine wood shavings at high pressure and temperature. HDF boards are as homogeneous in structure as MDF. The only key difference is that HDF boards have a density higher than 800 kg/m³. HDF boards have a hard surface and are easy to process. Like MDF, HDF boards can also be laminated.

Areas of use:

- Construction industry (finishing of floors and ceilings, wall cladding, soundproofing).
- Furniture industry (manufacture of furniture, semi-finished interior doors, facades, laminate flooring).



Sheet size: **2800x2070, 3660x1830 mm**
Sheet thickness: **8-10 mm**
Moisture: **< 10% (actually 6-8%)**
Density: **over 800 kg/m³**
Emission class: **E1, E0.5**
Grade: **I**



Loading standards of HDF in 2800x2070 mm format

	Pack	Eurofura	Railway car 138 m ³
Sheet thickness, mm	9	9	9
Number of sheets, pcs	54	8	24
Surface area, m ²	312,984	2503,872	7511,616
Volume, m ³	2,81666	22,53485	67,60454
Gross weight, kg	2693	21544	64632



MDF.H

Moisture-resistant MDF (MDF.H), unlike the standard MDF, has a denser structure. Therefore, the board is not subjected to swelling, and its surface is not destroyed by condensation. The boards obtained in this way are used in wet rooms, exclusively inside the building, and withstand accidental contact with water. MDF.H board can be distinguished from the standard by its green color.

Areas of use:

MDF.H boards are recommended for the manufacture of kitchen countertops, door panels, window sills, bathroom furniture, floor bases (including for subsequent varnishing), finishing of damp and unheated rooms.



Sheet size: **2440x1830, 2440x1220 mm**
Sheet thickness: **10-30 mm**
Moisture: **< 10% (actually 6-8%)**
Density: **770-820 kg/m³**
Emission class: **E1, E0.5**
Grade: **I**



Loading standards of MDF.H in 2440x1830 mm format

Pack	Sheet thickness, mm									
	10	12	14	16	18	19	22	25	28	30
Number of sheets, pcs	50	40	32	30	26	25	21	20	17	16
Surface area, m ²	223,260	178,608	142,886	133,956	116,095	111,630	93,769	89,304	75,908	71,443
Volume, m ³	2,23260	2,14330	2,00041	2,14330	2,08971	2,12097	2,06292	2,23260	2,12544	2,14330
Gross weight, kg	1856	1896	1803	1698	1719	1743	1678	1806	1725	1637



Laminated MDF

Laminated MDF is produced on the basis of sanded MDF boards. Lamination is a process of additional processing of already finished MDF board or one of the types of decorative processing of MDF boards.

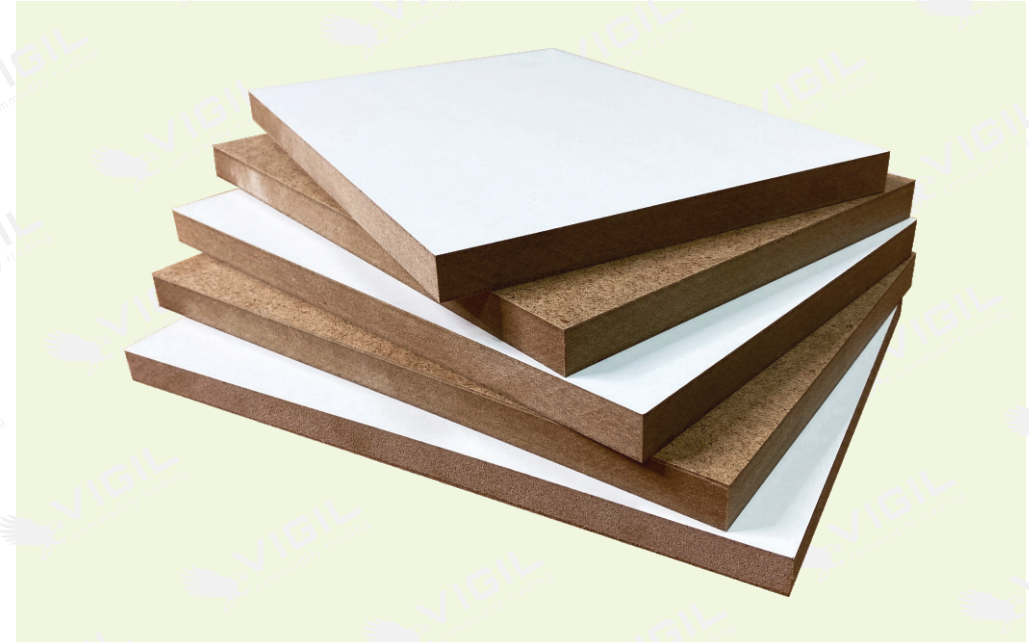
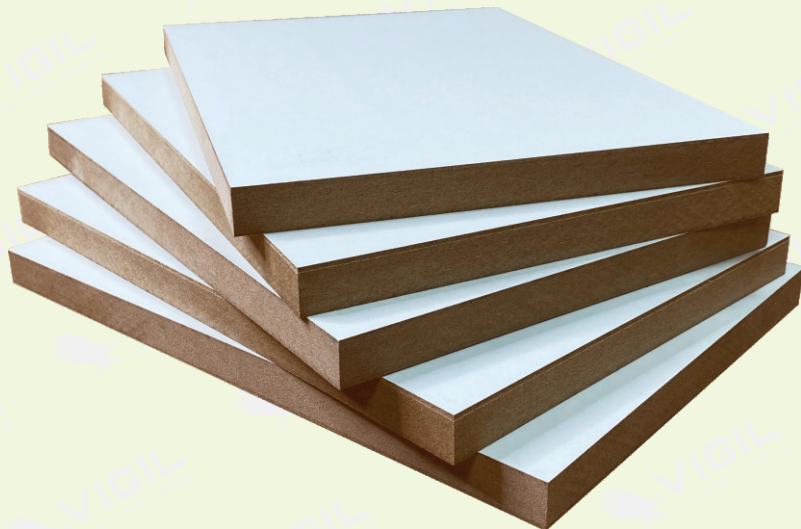
Areas of use:

Laminated MDF boards are commonly used in the furniture industry, especially the manufacture of home furniture. Laminated MDF wall panels are excellent materials for decoration and interior refurbishment, they are used for the decoration of both residential and office space. The main place of use for laminated MDF in residential space is in the kitchen and hallway.

Sheet size: **2800x2070, 3660x1830, 2440x1830, 2440x1220 mm**
 Sheet thickness: **10-25 mm**
 Moisture: **< 10% (actually 6-8%)**
Density: 750-780 kg/m³
 Emission class: **E1, E0.5**

Grade: **I**
 Coating: **single-sided and double-sided**
 Decor: **White***

** White decor is the base color, other colors are possible as an option.*



Loading standards of laminated MDF in 2800x2070 mm format

Pack	Sheet thickness, mm						
	6	8	10	12	15	18	19
Number of sheets, pcs	80	61	48	40	30	27	25
Surface area, m ²	463,680	353,556	278,208	231,840	173,880	156,492	144,900
Volume, m ³	2,78208	2,82845	2,78208	2,78208	2,60820	2,81686	2,75310
Gross weight, kg	2380	2415	2328	2328	2215	2241	2193

Pack	Sheet thickness, mm						
	22	25	28	30	35	38	40
Number of sheets, pcs	22	18	17	16	14	13	12
Surface area, m ²	127,512	104,328	98,532	92,736	81,144	75,348	69,552
Volume, m ³	2,80526	2,60820	2,75890	2,78208	2,84004	2,86322	2,78208
Gross weight, kg	2232	2085	2198	2215	2244	2247	2187



Chipboard

Chipboard is made by pressing wood dust and shavings at high temperature. The main advantage of chipboard is resistance to mechanical damage and ease of machining. This material is easy to saw, drill, mill, paint and glue. In addition, the cost of chipboard is relatively low. The raw material for the manufacture of chipboard is almost any wood, both coniferous and deciduous. The presence of water-repellent, antiseptic and other additives ensures the strength and durability of the material.

Areas of use:

Chipboard is the most popular material for furniture production. It has excellent properties and is widely used in the construction and woodworking industries.



Sheet length: **2440-3660 mm**
 Sheet width: **1830 mm**
 Sheet thickness: **6-40 mm**
 Moisture: **< 10% (actually 6-8%)**
 Density*: **620-720 kg/m³**
 Emission class: **E1, E0.5**
 Grade: **I**

* The average density of a 16 mm thickness board is 630 kg/m³.



Loading standards of chipboard in 2750x1830 mm format

Pack	Sheet thickness, mm					
	8	10	12	15	16	18
Number of sheets, pcs	80	64	57	45	40	38
Surface area, m ²	402,600	322,080	286,853	226,463	201,300	191,235
Volume, m ³	3,22080	3,22080	3,44223	3,39694	3,22080	3,44223
Gross weight, kg	2179	2179	2335	2307	2179	2335

Pack	Sheet thickness, mm					
	22	25	28	32	38	40
Number of sheets, pcs	32	25	22	20	18	17
Surface area, m ²	161,040	125,813	110,715	100,650	90,585	85,553
Volume, m ³	3,54288	3,14531	3,10002	3,22080	3,44223	3,42210
Gross weight, kg	2399	2132	2103	2179	2335	2323



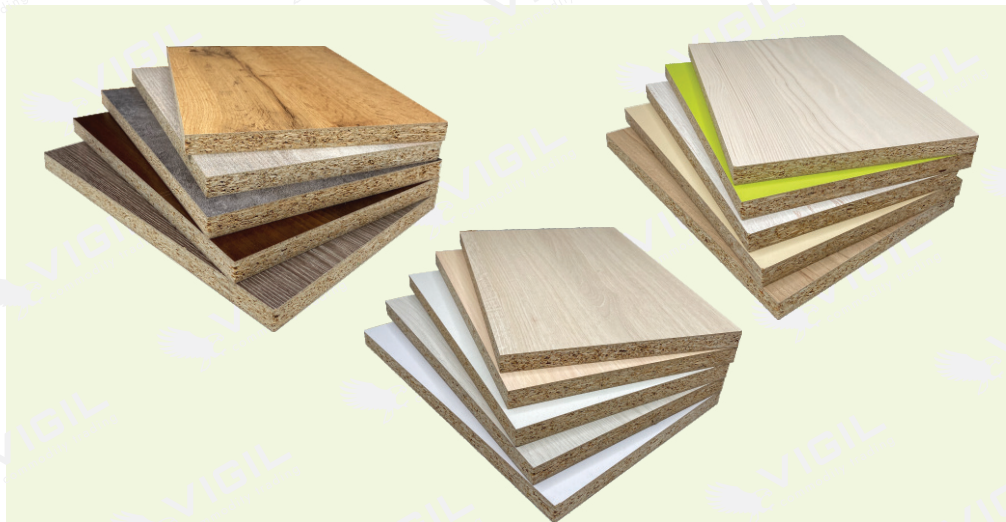
Laminated chipboard

Laminated chipboard (MFC – Melamine Faced Chipboard) is produced on the basis of sanded chipboard. Chipboard lamination means covering chipboards with paper-based films saturated with melamine resins. Under high temperature (up to 240 degrees) and pressure (up to 30 kg/cm²) the resin melts and squeezes out of the film. During this process the film is glued to the chipboard surface and the polymerized resin gives the surface the properties of thermosetting plastic, which is highly resistant to mechanical and chemical effects.

Areas of use:

Laminated chipboard are used in the production of cabinet and office furniture, furniture sets for the home, in the manufacture of shelves, racks, partitions, packaging, temporary fences, and are also used for decorative purposes and finishes, due to the original surface texture.

Quality, environmental friendliness, presentable appearance, durability, a wide colors range and decent prices – that is why laminated chipboards have become the main material for furniture production. In addition to a wide colors range, the products are presented in different decor options. The most common and frequently used in the production of furniture are decors of the wood group.



Sheet size: **2750x1830 mm**

Sheet thickness: **6-40 mm**

Moisture: **< 10% (actually 6-8%)**

Density: **650-750 kg/m³**

Emission class: **E1, E0.5**

Grade: **I**

Coating: **double-sided**

In stock and on order there is a wide color palette of decors from the catalogs of well-known brands. Types of embossing:

- "wood pores" SWA
- "wood pores" that mimic the natural structure of wood SWN
- "shagreen" PE
- "smooth matte" SM

Loading standards of laminated chipboard in 2750x1830 mm format

Pack	Sheet thickness, mm					
	8	10	12	15	16	18
Number of sheets, pcs	80	64	57	45	40	38
Surface area, m ²	402,600	322,080	286,853	226,463	201,300	191,235
Volume, m ³	3,22080	3,22080	3,44223	3,39694	3,22080	3,44223
Gross weight, kg	2179	2179	2335	2307	2179	2335

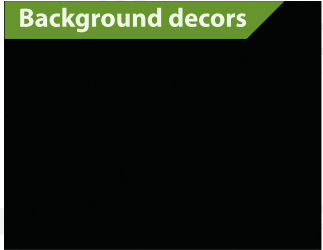
Pack	Sheet thickness, mm					
	22	25	28	32	38	40
Number of sheets, pcs	32	25	22	20	18	17
Surface area, m ²	161,040	125,813	110,715	100,650	90,585	85,553
Volume, m ³	3,54288	3,14531	3,10002	3,22080	3,44223	3,42210
Gross weight, kg	2399	2132	2103	2179	2335	2323



Laminated chipboard



Background decors



Black 660



Grey 612



Lime 675



Red 674



Vanilla 633



White 605

Fantasy decors



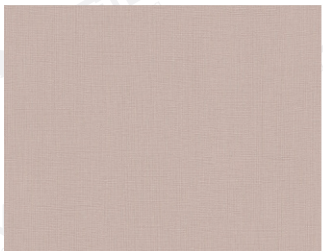
Aluminum 800



Concrete Sparks 861



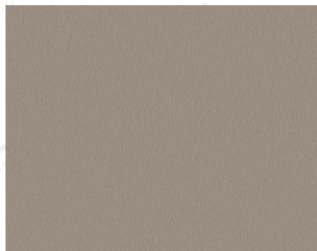
Concrete Sparks Light 860



Italian Tweed 827



Silver 802



Titan 803

Wood decors



Alder 250



Apple Locarno 150



Ash Anchor 450



Ash Anchor 451



Ash Anchor 452



Ash Coimbra 464



Ash Shimo 454



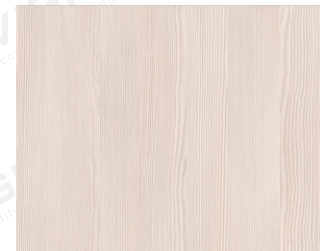
Ash Shimo 455



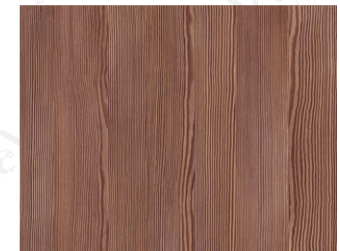
Beech Bavaria 124



Beech Nevsky 126



Bodega 100



Bodega 102

Laminated chipboard



Cherry Oxford 435



Elm Bergamo 114



Finline 584



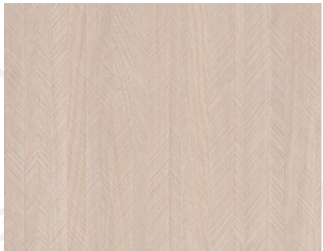
Oak Belford 307



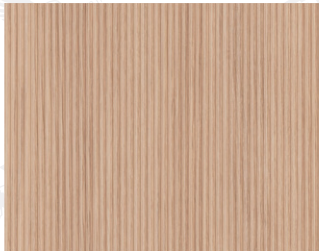
Oak Boniface 381



Oak Bunratty 371



French Spruce 549



Greenwich 701



Hickory Kingston 579



Oak Canterbury 347



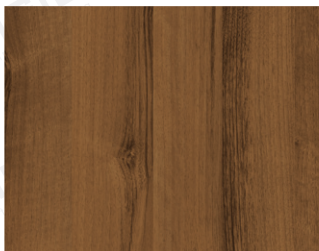
Oak Canyon 365



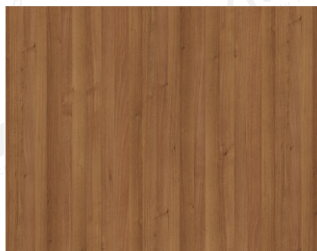
Oak Chamonix 331



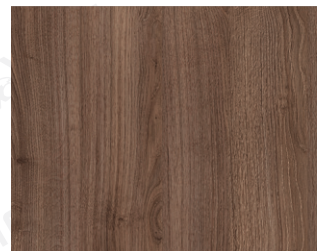
Maple Tanzau 482



Noche Ecco 412



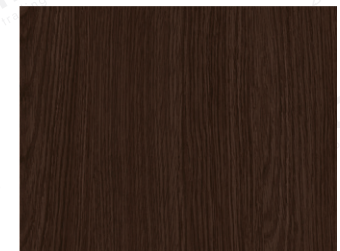
Noche Guarneri 408



Oak Chamonix 332



Oak Cognac Denver 378



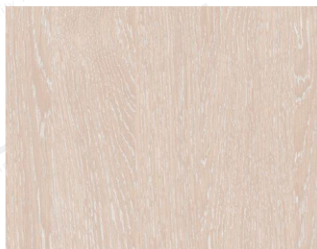
Oak Marburg 354



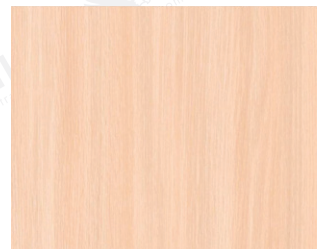
Noche Marie Louise 400



Oak 342



Oak Atlanta 302



Oak Milk 315



Oak Ontario 385



Oak Sonoma 325

Laminated chipboard



Oak Sonoma 326



Oak Sonoma 362



Oak Wotan 376



Walnut Donskoy 202



Walnut Lion 216



Walnut Milanese 205



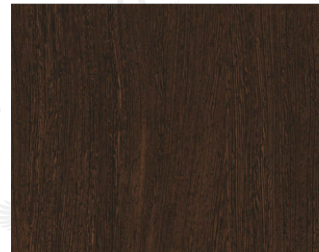
Pine 522



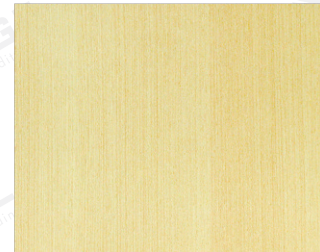
Pine Karelia 528



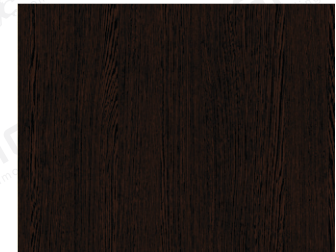
Pine Rockport 544



Wenge 170



Wenge 174



Wenge 175



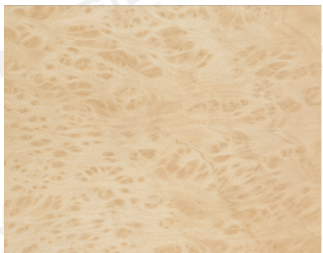
Pine Rockport Light 543



Pine Vintage 533



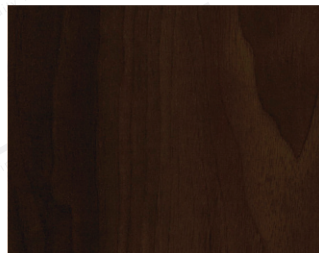
Pine Winterberg 545



Savana 826



Taxus 570



Walnut Chocolate 210

Fiberboard

Fiberboard is produced by dry continuous hot pressing of crushed wood particles with the addition of special components and binder additives, what increase the physico-chemical properties of the product. Carbamide resins modified with melamine are used as a binding element. This ensures a low formaldehyde emission, comparable to that of natural wood. The advantages of the material – it is easy to install, practical, low cost.

Areas of use:

Fiberboard is used in construction, in finishing works inside transport (passenger railway cars, trams, metro), in the manufacture of furniture (back wall or bottom), carpentry and other products and structures, as well as in the manufacture of tare. Chipboard is also used as a base for paintings in oil painting.



For the production of **lined fiberboard** manufacturer uses TSN-40 board and paper-based film materials of "Impress" (Germany) and "Inetrprint" (Poland). It is possible to produce lined fiberboard from the catalogs of these companies.



Sheet size*:

- **2440x920 / 1220 / 1250 / 1700 / 1830 / 2020 / 2050 / 2070 / 2100 / 2150 / 2500 mm**
- **2500x620 / 720 / 820 / 920 / 1245 / 1700 / 1860 / 2020 / 2050 / 2070 mm**
- **2745x1700 mm**

Sheet thickness: **2.5 / 3.0 / 3.2 / 4.0 mm**

Moisture: **5-10%**

Density:

- **TSN-30 board: up to 800 kg/m³**
- **TSN-40 board: up to 950 kg/m³**

Emission class: **E1**

Grade: **I**

* The continuous production method of fiberboard allows to make a board of any length and width up to 2500 mm.



Loading standards of fiberboard in 2440x1830 mm format

Pack	Sheet thickness, mm			
	TSN-30		TSN-40	
	2,5	3,0	2,5	3,0
Number of sheets, pcs	205	170	190	160
Surface area, m ²	915,366	759,084	848,388	714,432
Volume, m ³	2,28842	2,27725	2,12097	2,14330
Gross weight, kg	1967	1958	2165	2186



Laminate flooring

Laminate flooring (laminated) is a high quality product made on the basis of HDF boards. Laminate is currently considered the most popular flooring. It combines beauty, durability, quality and a relatively low price. By choosing laminate as your flooring, you will get high quality at a reasonable price, and you will be able to create an unsurpassed interior in your room.

Areas of use:

Residential and commercial premises with an average load: offices, restaurants, cafes. Our laminate corresponds to the 33rd class of operation, when used in residential premises it can last 10 years, in commercial premises – 3-5 years.



Laminate advantages:

- Resistance to ultraviolet exposure.
- Durability and resistance to mechanical damage: from heels, furniture legs, falling objects.
- Resistance to chemical influence of household chemicals.
- Antistatic surface (prevents dust accumulation).
- Laminate is well tolerant of temperature changes, it is fire-resistant.
- Environmental friendliness, laminate is absolutely harmless to health.

Laminate properties:

- Panel size: 8x190x1380 mm
- Class of operation: 33
- Wear resistance: Ac5
- Impact resistance: Ic3
- Lock system: Clic Lock
- Resistance to contamination: High
- Emission class: E1
- Wax protection of locks

Laminate flooring

Our laminate is famous for its durability, the flooring is able to withstand considerable loads. It is possible to achieve such high strength due to the structure of the panels. They consist of four main layers:

1. The top protective layer is a transparent durable film impregnated with melamine-formaldehyde resin with corundum, designed to protect the laminate from external influences: abrasion, dirt, moisture and chemicals.
2. The decorative layer imitates the pattern and color of various types of wood, stone or other materials.
3. The laminate base is made of HDF board. The density and quality of the base significantly affect the characteristics of the laminate: strength, rigidity, immutability of geometric parameters. That is why we use only high-quality boards for the manufacture of laminate.
4. The lower stabilizing layer is a paper impregnated with melamine-formaldehyde resin, which protects the laminate from moisture penetration.

We offer a wide range of different colors and decors of laminate flooring, which will be a worthy decoration for almost any interior. The laminate color collections are constantly updated and replenished.



Oak Agros



Oak Artemis



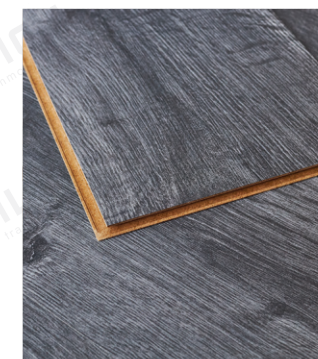
Oak Classic



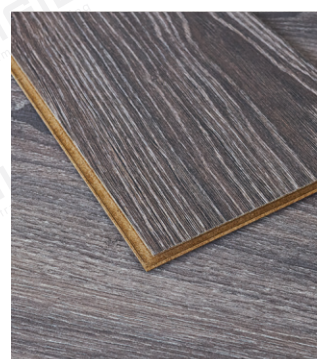
Oak Cold



Oak Derosh



Oak English



Oak Etran



Oak Forto



Oak Frontier

Loading standards of laminate flooring

	Pallet	Eurofura	Railway car 138 m ³
Number of pallets, pcs		23	66
Number of packs, pcs	60	1380	3960
Number of panels, pcs	480	11040	3168
Surface area, m ²	125,76	2892,48	8300,16
Volume, m ³	1.006	23,14	66,401
Gross weight, kg	936	21528	61776



Laminate flooring



Oak Glom



Oak Gorny



Oak Kratos



Oak Teffy



Oak Terra



Oak Westeros



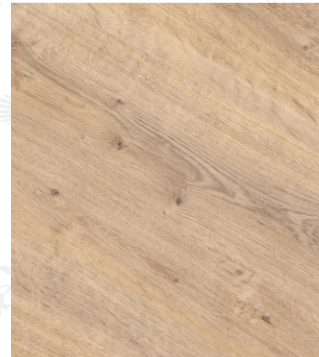
Oak Laft



Oak Light



Oak Melas



Oak Adel



Oak Anri



Oak Gleys



Oak Milano



Oak Rayms



Oak Tandil



Oak Charly



Oak Shantal

Chipboard fast floor

Chipboard Fast floor is a product made of moisture-resistant chipboard, designed for the manufacture of flooring. It is also possible to use panels for walls and ceilings.

Installation of the panel is made by means of "tenon-groove" connection, the long sides are laid at an angle of 90 degrees to the beams, the joints of the floor boards are staggered to ensure greater strength. The panels are fixed using countersunk screws, which allows you to fix the screws below the surface level of the panel.

The panels are packed by stacking on a pallet and strapping. At the request of the Customer, it is possible to perform additional packing of parts in corrugated cardboard.

The advantages of chipboard fast floor:

- Moisture resistance. The panels can be used in rooms with a high level of humidity.
- Durability. Panels are well resistant to high loads, withstand uneven pressure, do not bend, do not break without a direct mechanical impact of high force.
- Lightness. Large area is not accompanied by an increase in weight of the product.
- Environmental friendliness. Panels components are safe for humans. They can be used for laying in medical, educational, children's organizations. Suitable for long-stay living rooms (bedrooms, kitchens, halls).
- Low price. Fast floor solution at a reasonable price.



Sheet length: **2440-3660 mm**

Sheet width: **1830 mm**

Sheet thickness: **6-40 mm**

Moisture: **< 10% (actually 6-8%)**

Density*: **620-720 kg/m³**

Emission class: **E1, E0.5**

Grade: **I**

*The average density of a 16 mm thickness board is 630 kg/m³.



Loading standards of chipboard fast floor in 2750x1830 mm format

Pack	Sheet thickness, mm					
	8	10	12	15	16	18
Number of sheets, pcs	80	64	57	45	40	38
Surface area, m ²	402,600	322,080	286,853	226,463	201,300	191,235
Volume, m ³	3,22080	3,22080	3,44223	3,39694	3,22080	3,44223
Gross weight, kg	2179	2179	2335	2307	2179	2335

Pack	Sheet thickness, mm					
	22	25	28	32	38	40
Number of sheets, pcs	32	25	22	20	18	17
Surface area, m ²	161,040	125,813	110,715	100,650	90,585	85,553
Volume, m ³	3,54288	3,14531	3,10002	3,22080	3,44223	3,42210
Gross weight, kg	2399	2132	2103	2179	2335	2323



Latoflex

Latoflex are bent-glued products in the form of wooden curvilinear slats used in bed bases as flexible orthopedic elements. For the manufacture of workpieces, rotary-cut birch veneer and synthetic resins are used. Furniture with a latoflex base is characterized by strength, flexibility and sensitivity to human movements.



The deflection of the bed with a latoflex base enhances the orthopedic effect of the mattress, the transverse elements bend only where the body lines require it, thereby allowing the physiologically correct position of the spine to be taken.



Width range: **25-120 mm**
Length range: **500-1520 mm**
Thickness range: **6-15 mm**
Wood species: **Birch**
Grade: **I**



Wood pellets

Wood pellets are biofuel obtained from woodworking waste (sawdust, wood chips). They are cylindrical granules of standard size. High density, low moisture and standardization in sizes allows to obtain a large amount of energy during their combustion and accurately dose their amount using automatic feeding into pellet boilers.

Areas of use: For residential and commercial heating.



Diameter: **6±1 mm**

Length: **3.14-4.0 mm**

Bulk density: **600-750 kg/m³**

Moisture: **≤ 10.0%**

Ash content: **≤ 0.7%**

Sulfur content: **≤ 0.04%**

Small fraction: **≤ 1%**

Wood species: **Pine / Spruce**

Color: **Cappuccino**

Net calorific value: **≥ 16.5 MJ/kg**
(**≥ 4.6 kWh/kg**)

Packaging: **1200 kg Big-bags /**
15 kg plastic bags



Fuel Briquettes RUF

Fuel briquettes RUF are a type of solid fuel, an alternative to conventional firewood or coal, which is a pressed mass of woodworking waste (sawdust, wood dust). Fuel briquettes are an environmentally friendly product, the combustion process takes place almost without smoke. That is why this type of fuel is ideal for safe use in private homes, baths, greenhouses. In shape, these are rectangular briquettes which are made on a special hydraulic press under pressure from 300 to 400 bar.

Areas of use: In heating boilers, fireplaces, baths, for cooking on the grill and barbecues.



The advantage of fuel briquettes RUF:

- High calorific value. Briquettes emit heat 2 times more than conventional firewood.
- Economy. Briquettes burn 2.5-3 times longer than conventional firewood, and keep constant temperature during gorenje.
- Low moisture. The moisture of raw firewood is about 20-23%, while the moisture of fuel briquettes RUF is no more than 8-10%.
- Low ash content. After combustion, ash remains no more than 1% of the initial weight.
- Low smokiness, which allows to save on cleaning the chimney from soot.
- Easy ignition. Briquettes ignite quickly, for better burning briquettes are recommended to place them vertically.
- Safety. During the combustion process, fuel briquettes emit less carbon dioxide, significantly less smoke, and they don't spark.
- Aesthetic appearance, convenient packaging for storage and transportation.
- Affordable price of fuel briquettes makes them an excellent choice for home heating.

Size of briquettes: **155x65x90 mm**

Moisture: **≤ 10.0%**

Ash content: **≤ 0.6%**

Sulfur content: **≤ 0.1%**

Wood species: **Pine / Spruce / Birch**

Color: **Light**

Net calorific value: **≥ 16.5 MJ/kg**
(**≥ 4.6 kWh/kg**)

Packaging: **10 kg plastic bags,**
12 pieces in one package





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