

HANDBOOK



 IFC PLYWOOD



25.



1996 - 2021

IFCPly™

Plywood is one of the largest Turkish manufacturers of plywood and plywood wholesales.

Extensive experience in production of plywood, accumulated since 1996 and 2017 respectively, allows to manufacture goods of the highest quality.

The mill is closely located to the richest forest raw resources which allows to get the best timber for manufacturing quality products.



More than 1500 people of highly qualified and technically competent personnel



**Great capacity:
over 30 000 m3 of IFC
Plywood and 30.000 m3 of
laminated chipboard per year**



**Our production is
used
in more than 60 countries**

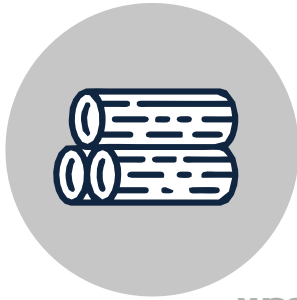


**The quality system is
certified according to the
international standard**



**Reputation of a reliable
manufacturer and stability of
product quality**

PRODUCTION PROCESS OF IFC PLYWOOD

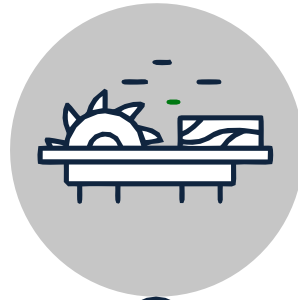


WOOD STOCK

RAW MATERIALS STORAGE AREA



HYDROTHERMAL TREATMENT OF RAW MATERIALS



1

DEBARKING AND CUTTING

After hydrothermal treatment, raw materials (logs) are sent to the cutting-debarking shop where debarking and cutting into blocks takes place



2

VENEER PEELING

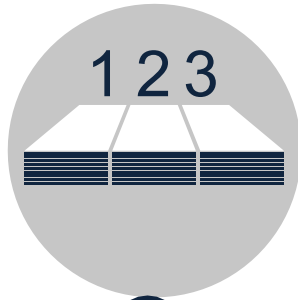
The cut blocks are fed along a conveyor to the peeling line, where logs are centered at the edges and cut into a long veneer strip



13

REMOVAL OF MINOR DEFECTS

In case of minor defects plywood is finished manually: i.e. putty-repair or sanding

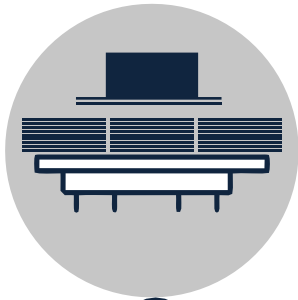


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PLYWOOD GRADING

Plywood sheets go to a plywood sorting line, where the grade of plywood is identified, and then the plywood is

graded into categories for further actions:
1) into finished products
2) for the removal of minor defects
3) for lamination



11

PLYWOOD SANDING

Plywood sheets go to an automatic sanding line, where they are sanded to obtain a smooth sheet surface



10

CUTTING TO SIZE

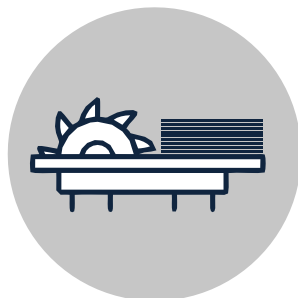
Plywood sheets are fed to a cutting line, where the edges are cut to the required size. Sheets are cut on the long side first and then on the short side



14

FILM-FACING

Plywood prepared for film-facing goes to multi-deck film-facing presses, where it is coated with impregnated (soaked with phenolic resins) film and processed under pressure and temperature



15

CUTTING TO SIZE

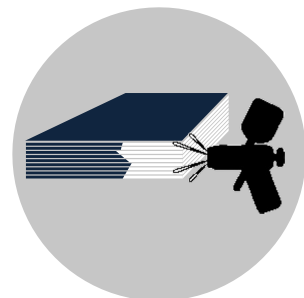
After lamination plywood is cut to size



16

GRADING OF FILM-FACED PLYWOOD

After cutting, the plywood goes directly to the sorting area, where an operator identifies the grade of film-faced plywood



17

EDGE SEALING

All film-faced plywood undergoes edge paint processing in a special paint box



3

VENEER STRIP CUTTING

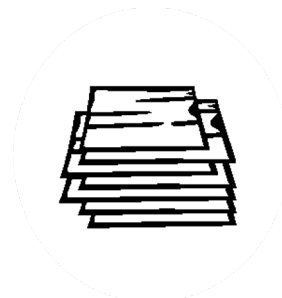
Peeled long strip of veneer goes to the cutting line, where it is cut to the required size with a special knife



4

VENEER DRYING

Cut veneers are sent for drying to a multi-deck drying equipment, where an operator loads veneer sheet by sheet. After drying, veneer immediately goes to grading



5

VENEER GRADING

Dried veneer passes through the Mecano scanner, where the grade of veneer is automatically identified, then the moisture meter measures the moisture level, and then veneer is automatically sorted into different piles by quality



6

VENEER REFINEME

Splicing

Veneer pieces go to the splicing line to get a full-size veneer

Patching

Graded veneer requiring rework is sent for repair, where defects are removed and replaced by a high-quality veneer patch



9

HOT PRESSING

The batches are glued in hot multi-deck presses under pressure and temperature



8

COLD PRESSING

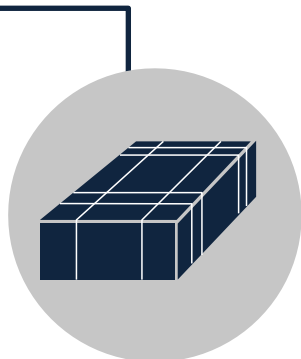
The composed batches of glued veneer sheets are cold pressed



7

COMPOSING

Graded, patched and spliced veneer goes to the composing shop, where veneer sheets (long grain) covered with glue are interlaced with dry sheets (cross grain)



18

PACKAGING

Finished products (uncoated and film-faced plywood) are packed either in stretch film at an automatic packaging line or manually using plywood cover and fiberboard



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WAREHOUSING

Packs of plywood are delivered to the finished product warehouse for further shipment by rail (wagons, containers) and automobile transport



SHIPMENT OF PRODUCT

RANGE OF IFC PLYWOOD

UNCOATED PLYWOOD

IFCPly™ BIRCH Top



BIRCH PLYWOOD
OF TOP GRADES

IFCPly™ BIRCH Middle



BIRCH PLYWOOD
OF MIDDLE GRADES

IFCPly™ BIRCH Low



BIRCH PLYWOOD
OF LOW GRADES

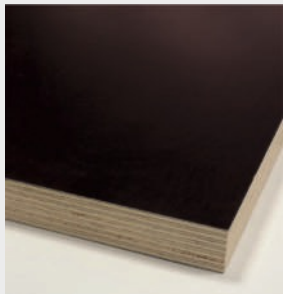
IFCPly™ INTERIOR



BIRCH PLYWOOD
INTERIOR (MR)

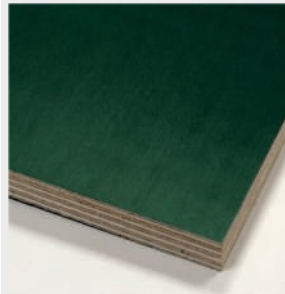
COATED SMOOTH PLYWOOD

IFCPly™ REGULAR



FILM-FACED PLYWOOD (WBP),
dark-brown

IFCPly™ COLOR



FILM-FACED PLYWOOD (WBP),
color

IFCPly™ LOGO



FILM-FACED PLYWOOD (WBP),
dark-brown with IFCply logo

IFCPly™ LOGO customer



FILM-FACED PLYWOOD (WBP),
with customer's logo
on request

WBP | Plywood with
phenol-formaldehyde glue

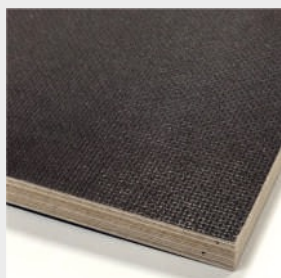
MR | Plywood with
urea-formaldehyde glue



Class of
formaldehyde
emission
fact E0,5
(Standard E1)

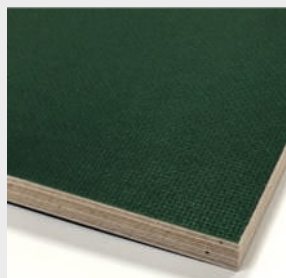
COATED MESHED PLYWOOD

IFCPly™ ANTISLIP



FILM-FACED PLYWOOD (WBP),
dark-brown

IFCPly™ ANTISLIP COLOR



FILM-FACED PLYWOOD (WBP),
color

SLIP RESISTANCE
CLASS
(DIN 51130)

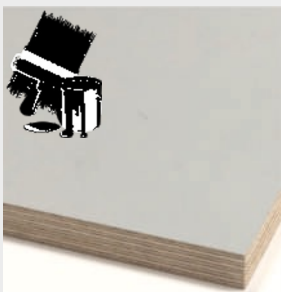
R13 (120 g/m²)
R12 (220 g/m²)

ANTISLIP SURFACE

SUPERIOR
DURABILITY AND
WEAR
RESISTANCE

SPECIAL PLYWOOD

IFCPly™ PRIMER



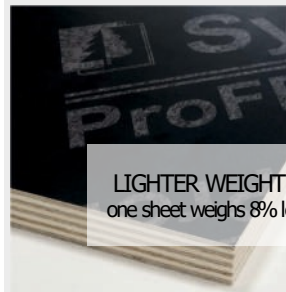
PLYWOOD FOR PAINTING (WBP),
coated with special
protective paper allowing
to apply paint without additional
surface preparation

IFCPly™ SMART



FILM-FACED PLYWOOD (WBP),
with a film for increased
resistance to UV rays
(from burnout)

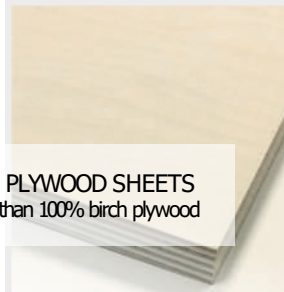
IFCPly™ ProFFit



LIGHTER WEIGHT OF PLYWOOD SHEETS
one sheet weighs 8% less than 100% birch plywood

LIGHT FILM-FACED
PLYWOOD (WBP),
with combination of
birch and aspen veneers
in the inner layers

IFCPly™ COMBI TWIN



LIGHT PLYWOOD (WBP),
with combination of birch
and aspen veneers
in the inner layers



MIX



CARB
ULEF

EPA TSCA
Title VI
ULEF

BIRCH PLYWOOD OF TOP GRADES

Birch plywood **IFCPly™** BIRCH Top is an extremely durable and waterproof material.

Birch gives **IFCPly™** products a beautiful wood structure and advanced physical and mechanical properties.

These qualities have made it popular in furniture manufacturing, construction, interior and exterior design.

SPECIFICATION of **IFCPly™** BIRCH TOP

SIZE, mm	2500x1250 / 2440x1220 long and cross grain direction
cut-to-size is possible	
additional options: cutting of tongue and groove, chamfering or half and lap	
Grades	B/B, B/BB, E/BB, S/BB, B/CP
Thickness, mm	4 6 9 12 12.5 15 18 19 20 21 24 27 30 32 35
Surface	Sanded
Class of formaldehyde emission	Fact E0,5 (Standard E1)
Water resistance	WBP (Weather and Boil Proof)
Moisture content	5-9%
Defects	Minimal amount of defects in the structure of wood

ADVANTAGES of **IFCPly™** BIRCH TOP

**SMOOTH APPEARANCE
WITHOUT VISIBLE DEFECTS**

**EXCEPTIONAL STRENGTH
AND DURABILITY**

**RECOMMENDED FOR PRODUCTION
OF FURNITURE AND INTERIOR
DESIGN**

**FOR TRANSPARENT AND
SEMI-TRANSPARENT PROCESSING**

APPLICATION OF **IFCPly™** BIRCH TOP



**INTERIOR
DESIGN**



SHIPBUILDING



**EXTERIOR
DESIGN**



**PROMOTIONAL
PRODUCTS**



**FURNITURE
PRODUCTION**

IFCPly™ BIRCH MIDDLE

BIRCH PLYWOOD OF MIDDLE GRADES

The main feature of **IFCPly™** BIRCH Middle plywood is the possibility to combine different veneer grades on both sides of a plywood sheet, due to which all the aesthetic and physical-mechanical properties of the product have been preserved.

IFCPly™

SIZE, mm	2500x1250 / 2440x1220 long and cross grain direction
cut-to-size is possible	
additional options: cutting of tongue and groove, chamfering or half and lap	
Grades	BB/BB, BB/CP, BB/C, CP/CP
Thickness, mm	4 6 9 12 12.5 15 18 19 20 21 24 27 30 32 35 40* <small>except for BB/CP and BB/C</small>
Surface	Sanded
Class of formaldehyde emission	Fact E0,5 (Standard E1)
Water resistance	WBP (Weather and Boil Proof)
Moisture content	5-9%
Defects	Insertions, processing defects on the side of a lower grade are allowed

ADVANTAGES of IFCPly™ BIRCH MIDDLE

EXCEPTIONAL STRENGTH AND DURABILITY

RECOMMENDED FOR PRODUCTION OF FURNITURE AND INTERIOR DESIGN

FOR TREATMENT WITH PAINTS, TONING MATERIALS

APPLICATION OF IFCPly™ BIRCH MIDDLE



EXTERIOR DESIGN



BUILDING



FURNITURE PRODUCTION



TRANSPORT ENGINEERING

BIRCH PLYWOOD OF LOW GRADES

IFCPly™ BIRCH LOW plywood is often used in building structures when the appearance of the plywood front side plays a secondary role, and the strength characteristics are not worse than high grades.

SPECIFICATION of IFCPly™ BIRCH LOW:

SIZE, mm	2500x1250 / 2440x1220 long and cross grain direction
cut-to-size is possible	
additional options: cutting of tongue and groove, chamfering or half and lap	
Grades	B/B, B/BCB, E/BB, S/BB, B/CP
Thickness, mm	4* 6 9 12 12.5 15 18 19 20 21 24 27 30 32 35 40* except for CP/C
Surface	CP/C - sanded C - not sanded
Class of formaldehyde emission	Fact E0,5 (Standard E1)
Water resistance	WBP (Weather and Boil Proof)
Moisture content	5-9%
Defects	Insertions, defects in processing and structure of wood, removal of holes and cracks is allowed

ADVANTAGES of IFCPly™ BIRCH LOW:

**EXCEPTIONAL
STRENGTH AND
DURABILITY**

**RECOMMENDED FOR
FLOORING UNDER PARQUET
BOARD**

**FOR FACING WITH NON-
TRANSPARENT COATINGS
AND FOR PAINTS**

APPLICATION OF IFCPly™ BIRCH LOW:



BUILDING



PACKAGING



**FURNITURE
PRODUCTION**



**TRANSPORT
ENGINEERING**

IFCPly™ BIRCH INTERIOR

BIRCH INTERIOR PLYWOOD (MR)

The main feature of **IFCPly™** INTERIOR plywood is the possibility of using it in laser cutting, so it is perfect for interior design, furniture production and promotional products.

SPECIFICATION of IFCPly™ BIRCH INTERIOR:

SIZE, mm	2500x1250 / 2440x1220 long and cross grain direction
cut-to-size is possible	
additional options: cutting of tongue and groove, chamfering or half and lap	
Grades	All grades of uncoated plywood
Thickness, mm	4 6 9 12 12.5 15 18 19 20 21 24
Surface	Sanded
Class of formaldehyde emission	Fact E0,5 (Standard E1)
Water resistance	MR (Moisture Resistant)
Moisture content	5-9%
Glue	For plywood MR is used urea-formaldehyde glue. For WBP plywood - phenol-formaldehyde glue

ADVANTAGES of IFCPly™ BIRCH INTERIOR

EXCEPTIONAL STRENGTH AND DURABILITY

RECOMMENDED FOR PRODUCTION OF FURNITURE AND INTERIOR DESIGN

IN THE PROCESS OF LASER CUTTING EDGES OF PARTS ARE NOT CHARRED

APPLICATION OF IFCPly™ BIRCH INTERIOR:



INTERIOR DESIGN



SHIPBUILDING



EXTERIOR DESIGN



PROMOTIONAL PRODUCTS



FURNITURE PRODUCTION

FILM-FACED PLYWOOD WBP dark-brown

The film-faced surface of the board is highly resistant to various natural and chemical influences. This property makes **IFCPly** REGULAR film-faced plywood indispensable for making reusable concrete formwork forms.

SPECIFICATION of IFCPly™

REGULAR:	
SIZE, mm	2500x1250 / 2440x1220 long and cross grain direction
cut-to-size is possible	
additional options: cutting of tongue and groove, chamfering or half and lap	
Thickness, mm	6 9 12 12.5 15 18 19 20 21 24 27 30 32 35
Film color	Darkbrown
Film density	120, 220 g/m ²
Edge treatment	waterproof paint
Class of formaldehyde emission	Fact E0.5 (Standard E1)
Water resistance	WBP (Weather and Boil Proof)
Moisture content	5-7%
Base	birch plywood
Grade	1 and ½
Surface	smooth

ADVANTAGES of IFCPly™

- REGULAR: OVER 50 APPLICATION CYCLES IN MONOLITHIC HOUSING CONSTRUCTION
- EXCEPTIONAL STRENGTH AND DURABILITY
- INCREASED WATER RESISTANCE

APPLICATION of IFCPly™ REGULAR:

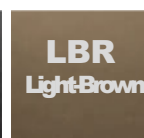
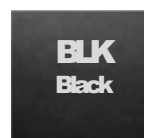


MONOLITHIC HOUSING CONSTRUCTION



TRANSPORT ENGINEERING

IFCPly™ REGULAR COLOR



Other colors are available on request



FILM-FACED PLYWOOD WBP
 dark-brown with **IFCPly™** logo

A distinctive feature of **IFCPly™** LOGO plywood is the application of a logo on the outer surface to visually inform buyers about the belonging of this product to **IFCPly™** products. The film-faced surface of the board is highly resistant to various natural and chemical influences. This property makes **IFCPly™** film- faced plywood indispensable for the production of wear-resistant surfaces.

SPECIFICATION of IFCPly™ LOGO

SIZE, mm	2500x1250 / 2440x1220 long and cross grain direction
cut to size is possible	
additional options: cutting of tongue and groove, chamfering or half and lap	
Thickness, mm	6 9 12 12.5 15 18 19 20 21 24 27 30 32 35
Film color	dark brown
Film density	120, 220 g/m ²
Edge treatment	waterproof paint
Class of formaldehyde emission	Fact E0,5 (Standard E1)
Water resistance	WBP (Weather and Boil Proof)
Moisture content	5-7%
Base	birch plywood
Grade	1 and ½
Surface	smooth

ADVANTAGES of IFCPly™ LOGO:

- OVER 50 APPLICATION CYCLES IN MONOLITHIC HOUSE BUILDING**
- EXCEPTIONAL STRENGTH AND DURABILITY**
- INCREASED WATER RESISTANCE**

APPLICATION of IFCPly™ LOGO:



MONOLITHIC HOUSING CONSTRUCTION



TRANSPORT ENGINEERING

IFCPly™ LOGO CUSTOMER

logo of your company on request (film color on request)

**FILM-FACED PLYWOOD WBP
dark-brown with wire mesh**

The wiremesh film-faced surface of the board is suitable for use in transport industry for floor coverings, warehouse and factory floors, loading platforms, i.e. where increased wear resistance and anti-slip are required.

SLIP
RESISTANCE
CLASS

R13 (120 g/m²)
R12 (220 g/m²)

SPECIFICATION of IFCPly™ ANTISLP:

SIZE, mm	2500x1250 / 2440x1220 long and cross grain direction
cut-to-size is possible	
additional options: cutting of tongue and groove, chamfering or half and lap	
Thickness, mm	6 9 12 12.5 15 18 19 20 21 24 27 30 32 35
Film color	darkbrown
Film density	120, 220 g/m ²
Edge treatment	waterproof paint
Class of formaldehyde emission	Fact EQ ₅ (Standard E1)
Water resistance	WBP (Weather and Boil Proof)
Moisture content	5-7%
Base	birch plywood
Grade	1 and 1/2
Surface	wiremesh

ADVANTAGES of IFCPly™ ANTISLP:

ANTISLP SURFACE

EXCEPTIONAL STRENGTH AND DURABILITY

INCREASED WATER RESISTANCE

APPLICATION OF IFCPly™ ANTISLP:



SHIPBUILDING



PLAYGROUND EQUIPMENT



TRANSPORT ENGINEERING

IFCPly™ ANTISLP COLOR

BLK
Black

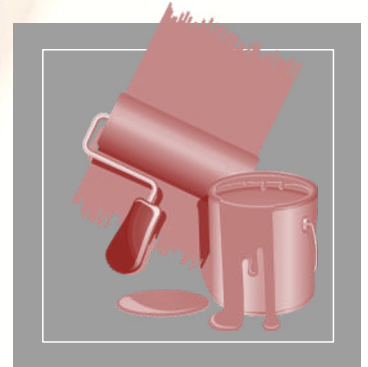
LBR
Light Brown

GRN
Dark Green

Other colors are available on request

BIRCH PLYWOOD WBP for painting

Birch plywood coated with a special protective paper allowing to apply paint without additional surface preparation.



SPECIFICATION of IFCPly™ PRIMER:

SIZE, mm	2500x1250 / 2440x1220 long and cross grain direction
cut-to-size is possible	
additional options: cutting of tongue and groove, chamfering or half and lap	
Thickness, mm	6 9 12 12.5 15 18 19 20 21 24 27 30 32 35
Film color	light grey
Film density	140, 180, 220 g/m ²
Edge treatment	none
Class of formaldehyde emission	Fact E0,5 (Standard E1)
Water resistance	WBP (Weather and Boil Proof)
Moisture content	5-7%
Base	birch plywood
Grade	1 and 1/2
Surface	smooth

ADVANTAGES of IFCPly™ PRIMER:

EASY TO PAINT

OPTIMAL LIGHT-GREY COLOR

COATING DOES NOT CRACK

PRIMING IS NOT NEEDED

REDUCTION OF PAINT CONSUMPTION -
one layer is enough!

APPLICATION OF IFCPly™ PRIMER:



INTERIOR
DESIGN



PLAYGROUND
EQUIPMENT

**FILM-FACED PLYWOOD WBP
covered with special film**

Birch plywood covered with the film of a new generation for increased resistance to UV rays (from burnout). **IFCPly™ SMART** plywood has a pleasant surface appearance. It gives an opportunity to use it not only in formworks but also in manufacturing small-scale architectural structures, interior and exterior design.

SPECIFICATION of IFCPly™ SMART:

SIZE, mm	2500x1250 / 2440x1220 long and cross grain direction
cut-to-size is possible	
additional options: cutting of tongue and groove, chamfering or half and lap	
Thickness, mm	6 9 12 12.5 15 18 19 20 21 24 27 30 32 35
Film color	light-grey
Film density	120, 220 g/m ²
Edge treatment	waterproof paint
Class of formaldehyde emission	Fact E0,5 (Standard E1)
Water resistance	WBP (Weather and Boil Proof)
Moisture content	5-7%
Base	birch plywood
Grade	1 and 1/2
Surface	smooth

ADVANTAGES of IFCPly™ SMART:

- INCREASED RESISTANCE TO UV RAYS (does not burn out)**
- DOES NOT HEAT UP UNDER THE INFLUENCE OF SUN RAYS**
- WEAR RESISTANCE**
- RESISTANCE TO STEAM AND CONCRETE**
- LOW LEVEL OF FORMALDEHYDE EMISSION**

APPLICATION OF IFCPly™ SMART:

-  **MONOLITHIC HOUSING CONSTRUCTION**
-  **EXTERIOR DESIGN**
-  **INTERIOR DESIGN**

LIGHT FILM-FACED PLYWOOD WBP

Unique product made and offered only by **IFCPly™** Plywood Mill. High-quality film-faced plywood with combination of birch and aspen veneers in the inner layers is the indispensable product for reusable concrete formwork.

SPECIFICATION of **IFCPly™** PROFFIT:

SIZE, mm	2500x1250 / 2440x1220 long and cross grain direction
cut-to-size is possible	
additional options: cutting of tongue and groove, chamfering or half and lap	
Thickness, mm	12 15 18 21 24 27 30 35
Film color	dark brown
Film density	120 g/m ²
Edge treatment	waterproof paint
Class of formaldehyde emission	Fact E0,5 (Standard E1)
Water resistance	WBP (Weather and Boil Proof)
Moisture content	5-7%
Base	combitwin (plywood with combination of birch and aspen veneers in the inner layers)
Grade	1 and 1/2
Surface	smooth

ADVANTAGES of **IFCPly™** PROFFIT:

LIGHTER WEIGHT OF PLYWOOD SHEETS
one sheet weighs at least 8% less than 100% birch plywood

EASY PROCESSING AND CUTTING

STRONG BONDING

HIGH PERFORMANCE TECHNICAL PROPERTIES

OVER 50 APPLICATION CYCLES IN MONOLITHIC HOUSING CONSTRUCTION

APPLICATION OF **IFCPly™** PROFFIT:

MONOLITHIC
HOUSING
CONSTRUCTION

LIGHT PLYWOOD WBP

Unique product made and offered only by **IFCPly™** Plywood Mill. High-quality plywood with combination of birch and aspen veneers in the inner layers. It can be used in building, furniture production where weight reduction is needed.

SPECIFICATION of IFCPly™ COMBI TWIN:

SIZE, mm	2500x1250 / 2440x1220 long and cross grain direction
cut-to-size is possible	
additional options: cutting of tongue and groove, chamfering or half and lap	
Thickness, mm	12 15 18 21 24 27 30 35
Surface	sanded
Class of formaldehyde emission	Fact E0,5 (Standard E1)
Water resistance	WBP (Weather and Boil Proof)
Moisture content	5-9%
Base	combitwin (plywood with combination of birch and aspen veneers in the inner layers)
Defects	combitwin (plywood with combination of birch and aspen veneers in the inner layers)

ADVANTAGES of IFCPly™ COMBI TWIN:

LIGHTER WEIGHT OF PLYWOOD SHEETS

one sheet weighs at least 8% less than 100% birch plywood

EASY PROCESSING AND CUTTING

STRONG BONDING

HIGH PERFORMANCE TECHNICAL PROPERTIES

APPLICATION OF IFCPly™ COMBI TWIN:



BUILDING



INTERIOR DESIGN



PACKAGING



FURNITURE PRODUCTION

RECOMMENDED TYPES OF PLYWOOD UPON FIELDS OF APPLICATION



BUILDING

IFCPly™ BIRCH Middle
IFCPly™ BIRCH Low
IFCPly™ COMBI TWIN



TRANSPORT ENGINEERING

IFCPly™ REGULAR
IFCPly™ COLOR
IFCPly™ LOGO
IFCPly™ ANTISLIP
IFCPly™ ANTISLIP COLOR
IFCPly™ BIRCH Middle
IFCPly™ BIRCH Low



FURNITURE PRODUCTION

IFCPly™ BIRCH Top
IFCPly™ BIRCH Middle
IFCPly™ BIRCH Low
IFCPly™ INTERIOR
IFCPly™ COMBI TWIN



MONOLITHIC HOUSING CONSTRUCTION

IFCPly™ REGULAR
IFCPly™ SMART
IFCPly™ ProFFit
IFCPly™ LOGO



INTERIOR DESIGN

IFCPly™ BIRCH Top
IFCPly™ INTERIOR
IFCPly™ SMART
IFCPly™ PRIMER
IFCPly™ COMBI TWIN



SHIPBUILDING

IFCPly™ ANTISLIP
IFCPly™ ANTISLIP COLOR
IFCPly™ INTERIOR
IFCPly™ BIRCH Top



EXTERIOR DESIGN

IFCPly™ BIRCH Top
IFCPly™ BIRCH Middle
IFCPly™ INTERIOR
IFCPly™ SMART



PLAYGROUND EQUIPMENT

IFCPly™ ANTISLIP
IFCPly™ ANTISLIP COLOR
IFCPly™ PRIMER



EXTERIOR DESIGN

IFCPly™ INTERIOR
IFCPly™ BIRCH Top



PACKAGING

IFCPly™ BIRCH Low
IFCPly™ COMBI TWIN



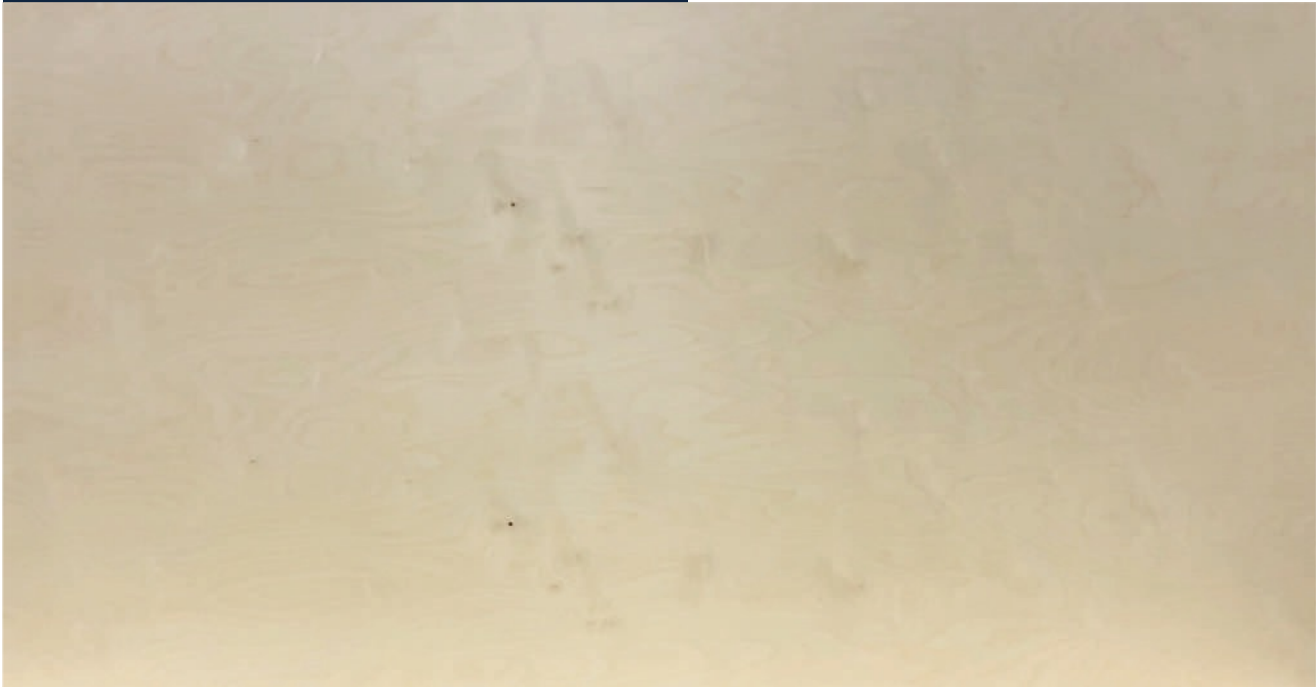
VENEER GRADES

There is the difference between grades of plywood and grades of veneer. Grades of plywood are made up of veneer grades which are used for covering.

B grade

used for composing
grades of birch plywood:

B/B - B/BB

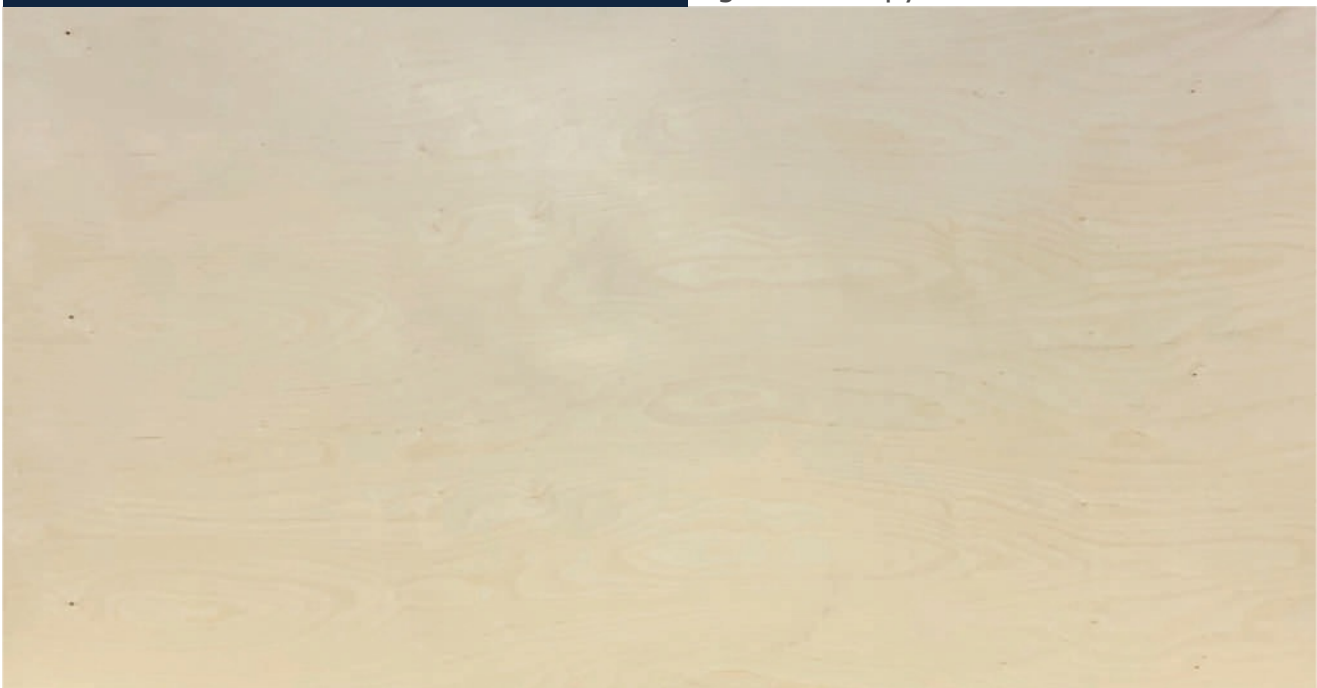


Practically without defects. Discoloration is allowed up to 15% of a sheet surface, loose knots and knotholes sized up to 5 mm are allowed up to 3 per square meter.

E grade

used for composing
grade of birch plywood:

E/BB



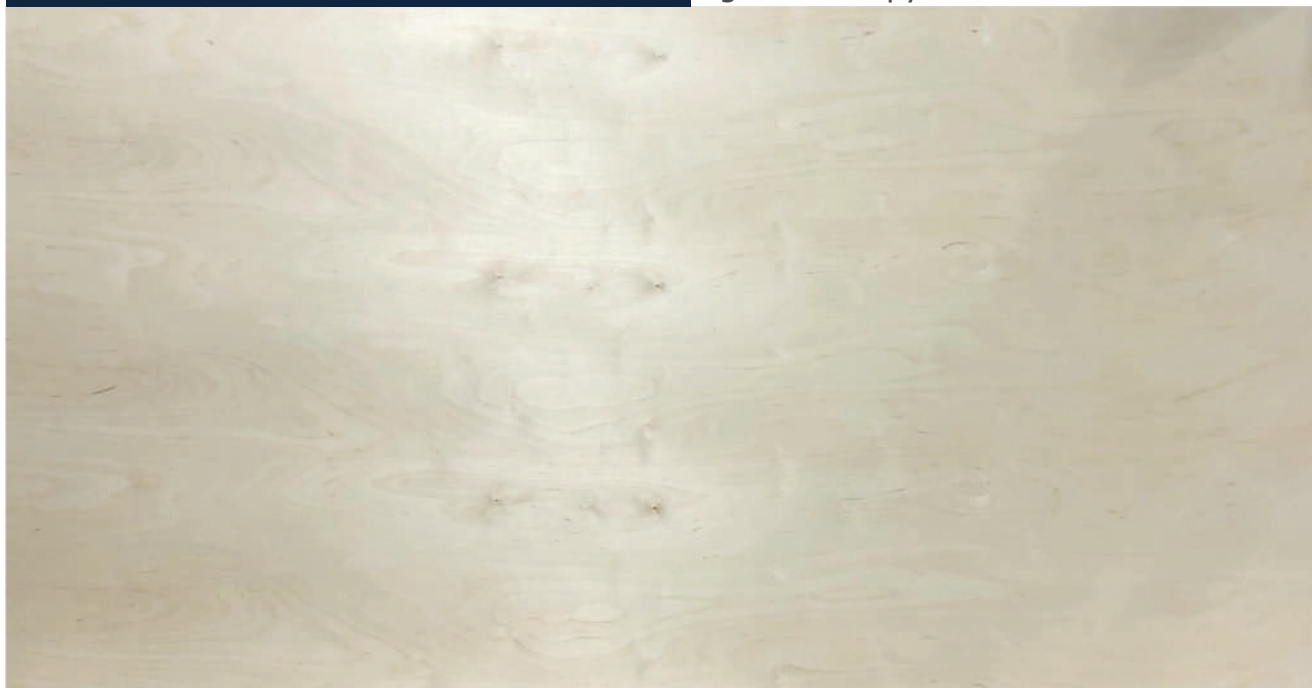
Practically without defects. Discoloration is allowed up to 50% of a sheet surface, loose knots and knotholes sized up to 5 mm are allowed up to 3 per square meter.

For example, plywood covered on the front side with grade B veneer and on the back side with BB veneer will have grade B/BB - the first indicates the highest grade.

S grade

used for composing grade of birch plywood:

S/BB

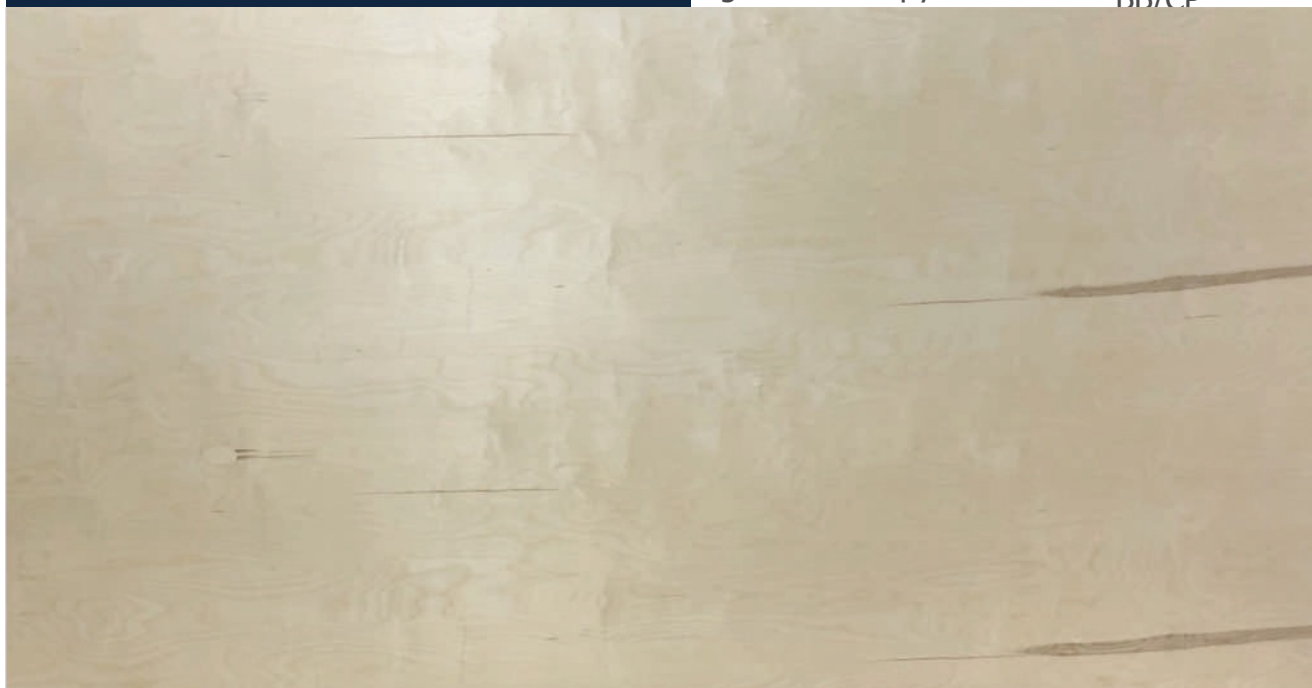


Practically without defects. Discoloration is allowed up to 30% of a sheet surface, patches of veneers are allowed in amount of 3 per square meter.

BB grade

used for composing grades of birch plywood:

B/BB, E/BB,
S/BB, BB/BB,
BB/CP



Discoloration is allowed up to 70% of a sheet surface. Loose knots and open defects are patched, patches should match surrounding grain direction and color in amount of 8 per square meter.

CP grade

used for composing
grades of birch plywood:

B/CP, BB/CP,
CP/CP, CP/C



Discoloration and patches are allowed without limits. Putty repair is allowed.

C grade

used for composing
grades of birch plywood:

BB/C, CP/C, C



Open defects of wood structure and processing defects are allowed, putty repair is allowed.

CUTTING PLYWOOD TO DETAILS

SINCE 2021 WE ARE READY TO
OFFER CUTTING PLYWOOD
INTO PIECES

TO REQUIRED SIZE

Cutting is carried out on the newest equipment - Schelling panel saw machine

Now the production of non-standard (cut-to-size) sizes is possible with a minimum size of **just 40 x 150 mm!**

Before using the panel saw machine minimum size was 300 x 300 mm



**FOR CUTTING PLYWOOD OF
REQUIRED SIZE YOU DON'T HAVE
TO CONTACT ANY OTHER
COMPANIES**

**WE REDUCE YOUR
COSTS IN TIME AND
RESOURCES**

We are able to produce plywood, cut it, pack in boxes of required size and ship readymade details from the Mill warehouse to you.

REFERENCE INFORMATION

PLYWOOD
SIZES
2440x1220
2500x1250



long grain
direction on
outer veneer
sheets

PLYWOOD
SIZES
1220x2440
1250x2500



cross grain
direction on
outer veneer
sheets

Inner sheets
of long grain
direction
alternate with
sheets of
cross grain
direction



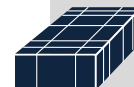
THICKNESS TOLERANCE TABLE

Thickness tolerance			Number of layers (amount of veneer layers)
Main thickness of plywood, mm	Limit deviations thickness, mm (standard)	Actual middle thickness in 2021, mm	
UNCOATED PLYWOOD			
4	± 0,1	4,0	3
6	± 0,2	6,0	5
6,5	± 0,2	6,5	5
9	± 0,3	9	7
12	± 0,4	12,1	9
15	± 0,5	15	11
18	± 0,5	18	13
21	± 0,6	21	15
24	± 0,7	23,9	17
27	± 0,8	27	19
30	± 0,9	29,8	21
35	± 1,0	35	25
40	± 1,2	40,6	29
FILM-FACED PLYWOOD			
4	+ 0,3 / - 0,5	3,9	3
6	+ 0,3 / - 0,5	6	5
6,5	+ 0,3 / - 0,5	6,3	5
9	+ 0,4 / - 0,6	8,8	7
12	+ 0,5 / - 0,7	11,8	9
15	+ 0,6 / - 0,8	14,6	11
18	+ 0,7 / - 0,9	17,6	13
21	+ 0,8 / - 1	20,6	15
24	+ 0,9 / - 1,1	23,5	17
27	+ 1,1 / - 1,2	27,6	20
30	+ 1,1 / - 1,5	30,4	22
35	+ 1,1 / - 1,5	35,5	25
PROFFIT			
15	+ 0,6 / - 1,2	14,6	9
18	+ 0,7 / - 1,2	17,6	11

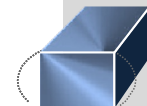
SIZES, DIMENSIONS AND NUMBER OF SHEETS IN PACK

Thickness mm	Length mm	Width mm	Sheet surface m ²	Sheet dimension m ³	Number of sheets in a bundle		Dimension of a bundle	
					1,5 m ³ pcs	2,6 m ³ pcs	1,5 m ³ m ³	2,6 m ³ m ³
4	2440	1220	2,97680	0,01191	120	215	1,42920	2,56065
	2500	1250	3,12500	0,01250			1,50000	2,68750
6	2440	1220	2,97680	0,01786	80	144	1,42880	2,57184
	2500	1250	3,12500	0,01875			1,50000	2,70000
6,5	2440	1220	2,97680	0,01935	73	132	1,41255	2,55420
	2500	1250	3,12500	0,02031			1,48263	2,68092
7,9	2440	1220	2,97680	0,02352	60	108	1,41120	2,54016
	2500	1250	3,12500	0,02469			1,48140	2,66652
9	2440	1220	2,97680	0,02679	54	96	1,44666	2,57184
	2500	1250	3,12500	0,02813			1,51902	2,70048
11,1	2440	1220	2,97680	0,03304	42	77	1,38768	2,54408
	2500	1250	3,12500	0,03469			1,45698	2,67113
12	2440	1220	2,97680	0,03572	40	72	1,42880	2,57184
	2500	1250	3,12500	0,03750			1,50000	2,70000
12,5	2440	1220	2,97680	0,03721	38	69	1,41398	2,56749
	2500	1250	3,12500	0,03906			1,48428	2,69514
14,3	2440	1220	2,97680	0,04257	33	60	1,40481	2,55420
	1250	2500	3,12500	0,04469			1,47477	2,68140
15	2440	1220	2,97680	0,04465	32	57	1,42880	2,54505
	2500	1250	3,12500	0,04688			1,50016	2,67216
15,9	2440	1220	2,97680	0,04733	30	54	1,41990	2,55582
	2500	1250	3,12500	0,04969			1,49070	2,68326
16	2440	1220	2,97680	0,04763	30	54	1,42890	2,57202
	2500	1250	3,12500	0,05000			1,50000	2,70000
17,5	2440	1220	2,97680	0,05209	27	48	1,40643	2,50032
	2500	1250	3,12500	0,05469			1,47663	2,62512
18	2440	1220	2,97680	0,05358	27	48	1,44666	2,57184
	2500	1250	3,12500	0,05625			1,51875	2,70000
19	2440	1220	2,97680	0,05656	25	45	1,41400	2,54520
	2500	1250	3,12500	0,05938			1,48450	2,67210
21	2440	1220	2,97680	0,06251	23	41	1,43773	2,56291
	2500	1250	3,12500	0,06563			1,50949	2,69083
24	2440	1220	2,97680	0,07144	20	36	1,42880	2,57184
	2500	1250	3,12500	0,07500			1,50000	2,70000
27	2440	1220	2,97680	0,08037	18	32	1,44666	2,57184
	2500	1250	3,12500	0,08438			1,51884	2,70016
30	2440	1220	2,97680	0,08930	16	28	1,42880	2,50040
	2500	1250	3,12500	0,09375			1,50000	2,62500
32	2440	1220	2,97680	0,09526	15	27	1,42890	2,57202
	2500	1250	3,12500	0,10000			1,50000	2,70000
35	2440	1220	2,97680	0,10419	13	24	1,35447	2,50056
	2500	1250	3,12500	0,10938			1,42194	2,62512
40	2440	1220	2,97680	0,11907	12	21	1,42884	2,50047
	2500	1250	3,12500	0,12500			1,50000	2,62500

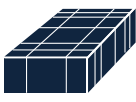



 bundle of plywood is packed manually with the use of plywood cover sheets and fiberboard



 bundle of plywood is wrapped in stretch film on automatic Cross Wrap packaging line

TRANSPORT LOADING RATES

TRANSPORT	number of bundles, pcs	
	 1,5 m ³	 2,6 m ³
20ft container	16	8
40ft container	25-27	14
automobile transport	20	11
wagon	59	33

IFCPly™ plywood is transported in bundles containing plywood sheets of one grade, size and thickness.

Special package prevents plywood from damage during shipment.

www.ifcplywood.com



SALES DEPARTMENT

Turkiye sales:

+90 216 6889024
sales@ifcgrup.com



Export sales:

+90 542 721 9582
export@ifcgrup.com