



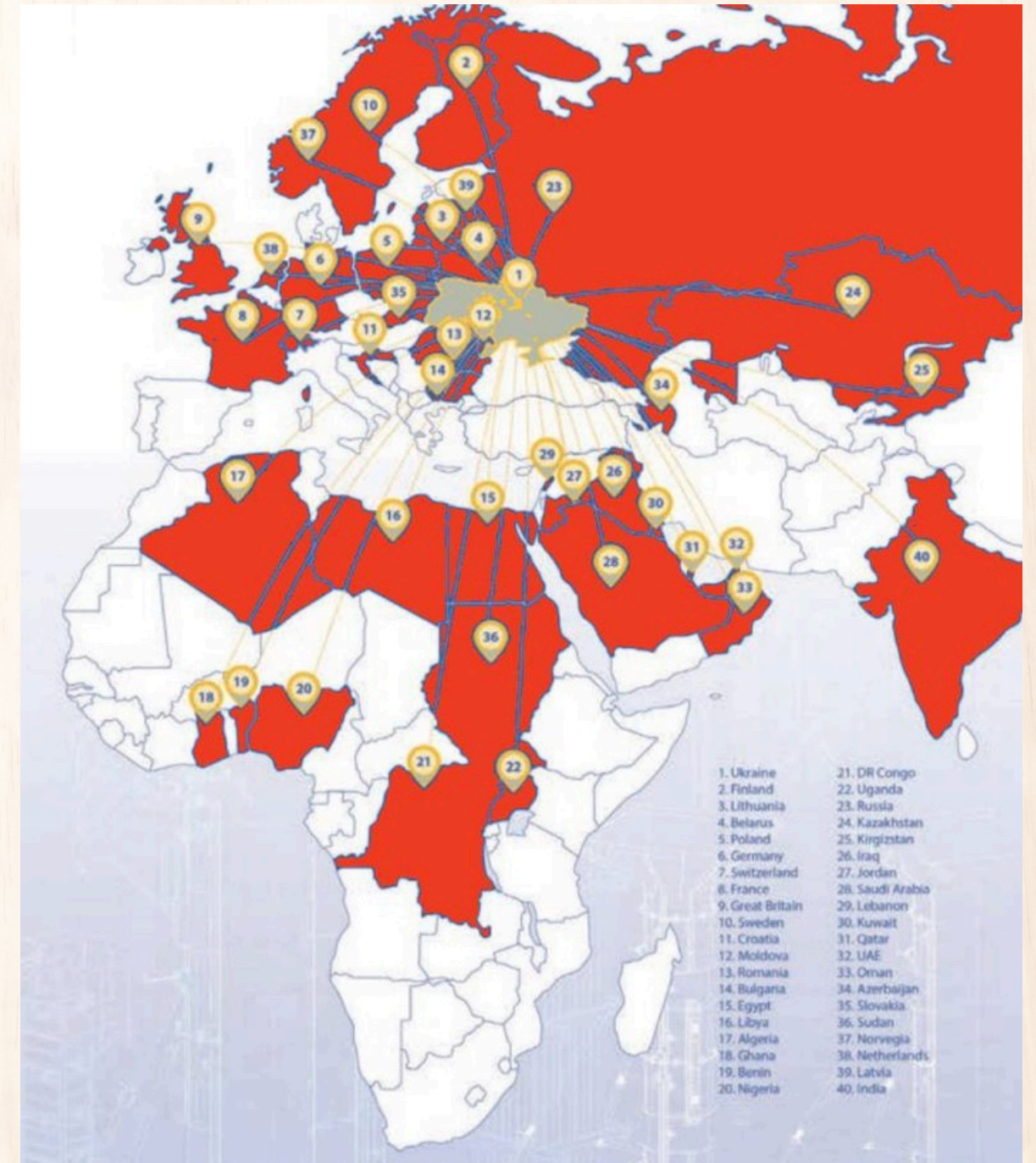
BIRCH PLYWOOD

QUALITY FOR UNIQUE SOLUTIONS

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BIRCH PLYWOOD

QUALITY FOR UNIQUE SOLUTIONS



COMPETITIVE ADVANTAGES OF SMARTFOX PLYWOOD

MEETS STANDARDS

- ✓ ISO: 9001
- ✓ ISO: 14001
- ✓ ISO: 45001
- ✓ ISO: 38200

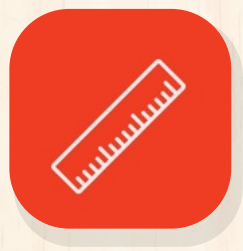
- ✓ CARB
- ✓ EPA TSCA VI
- ✓ EN 13986 CE mark



High level of strength
characteristics



Great strength-
weight ratio



Dimensional stability



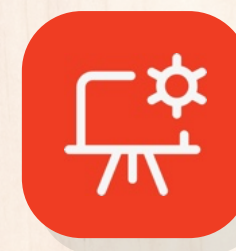
Safety



High quality of the
sanded surface



Plywood production to
individual customer
requirements



Product research and
development

APPLICATION OF PLYWOOD

CONSTRUCTION

monolithic and low-rise



TRANSPORT

freight transport



DESIGN

and small architectural forms



FURNITURE

and floor coverings



GENERAL SPECIFICATION OF SMARTFOX PLYWOOD

SMARTFOX BIRCH PLYWOOD

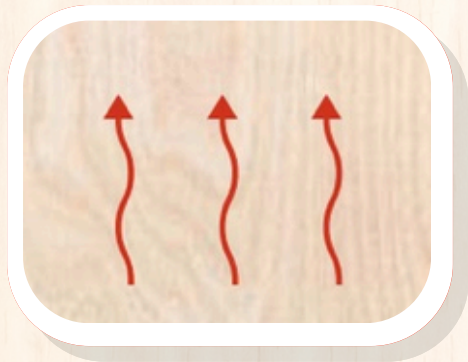
is a wood panel 100% made of thin sheets of birch veneer. It is highly demanded all over the world due to its excellent strength and rigidity related properties, good resistance to humidity, nice and smooth face veneer.

Type of veneer	100% birch
Types of plywood	Sanded or film faced plywood
Textures of coating	Smooth, Wire, Hexxa, Other textures available upon request
Density of plywood	640-700 kg/m3
Sizes	4x8x4 1220x2440x1220, 1250x2500x1250 5x10 1500x3000, 1525x3050 4x10 1220/1250x3000/3050 5x8 1500/1525x2400/2440/2500 7x13 max. 2135x3965 Other sizes available upon request
Thickness	4-40 mm
Formaldehyde Emission Class	E 0.5

THICKNESS OF SEGEZHA GROUP PLYWOOD

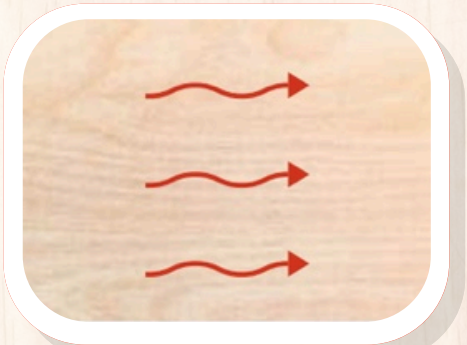


TYPES AND GRADES OF SMARTFOX PLYWOOD



CROSS GRAIN PLYWOOD

is plywood in which the grain of the outermostplies is perpendicular to the longest side of the plywood sheet.



LONG GRAIN PLYWOOD

is plywood in which the grain of the outermost plies is parallel or nearby parallel to the longest side of the plywood sheet.

GRADES OF FACE SIDE

I / E B S	II / B B	III / C P	IV / C
High quality			Quality reducing
Practically without defects: some healthy inter-grown knots up to 25 mm in diameter, insignificant brown veins and dropped out knots up to 5 mm in diameter are admitted.	Repairing of the surface is admitted. Knots with size of more than 25 mm and visible defects are repaired with veneer patches.	Flat surface without restrictions on discoloration and number of patches.	Defects of processing and structure of wood are admitted. High-quality of agglutination is guaranteed.

PRODUCT RANGE OF SMARTFOX PLYWOOD

SF RAW

Birch plywood
Sanded or long cross grain birch plywood, non-overlaid. Widely used in all spheres where the combination of **high strengths of material light weight** is demanded.



FILM FACED

Laminated birch plywood with phenolic film of 120–440 gm2 density. Edges are sealed with water-resistant paint. Widely used in construction, SAF, transport.



ECOFLOOR

Durable and eco-friendly base for parquet and engineered wood
Laminated poplar plywood



Thickness tolerance
+/- 0.2 mm



100% thickness control of all products



Moisture content
6–9%



Improved delamination resistance

PRODUCT RANGE OF SMARTFOX PLYWOOD

MAXI SIZE

Poplar and eucalyptus
Maxi-format plywood made of
single piece veneer
For commercial vehicles and
trucks For mechanical engineering



Size:
1500-3000 mm



Single piece board



Thickness:
6-40 mm
for raw plywood
6-35 mm
for film faced
plywood

Plywood grades:
B,S (I), BB (II) CP,
WG (III), C (IV)

SAPPHIRE

Film faced high strength
slip-resistant plywood for
transport and construction



Reinforced
veneer
configuration



Highly wear-resistant
surface



Low formaldehyde
emission



Improved
slip resistance



High
resistance
to alkalis



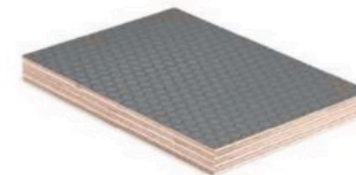
Hexa



Wire

ANTHRACITE

Film faced plywood
for floor-covering and wall
decoration of commercial and
trucks, warehouses



Saturated Gray
Excellent decorative
characteristics



Alkali resistance
Easy cleaning with
detergents



Color stability and UV
resistance



50% lower water
absorption*
*compared to standard
phenolic films



Hexa



Wire



Smooth

COMBI PLYWOOD

Poplar+eucalypt plywood
for wall decoration of commercial



Smooth

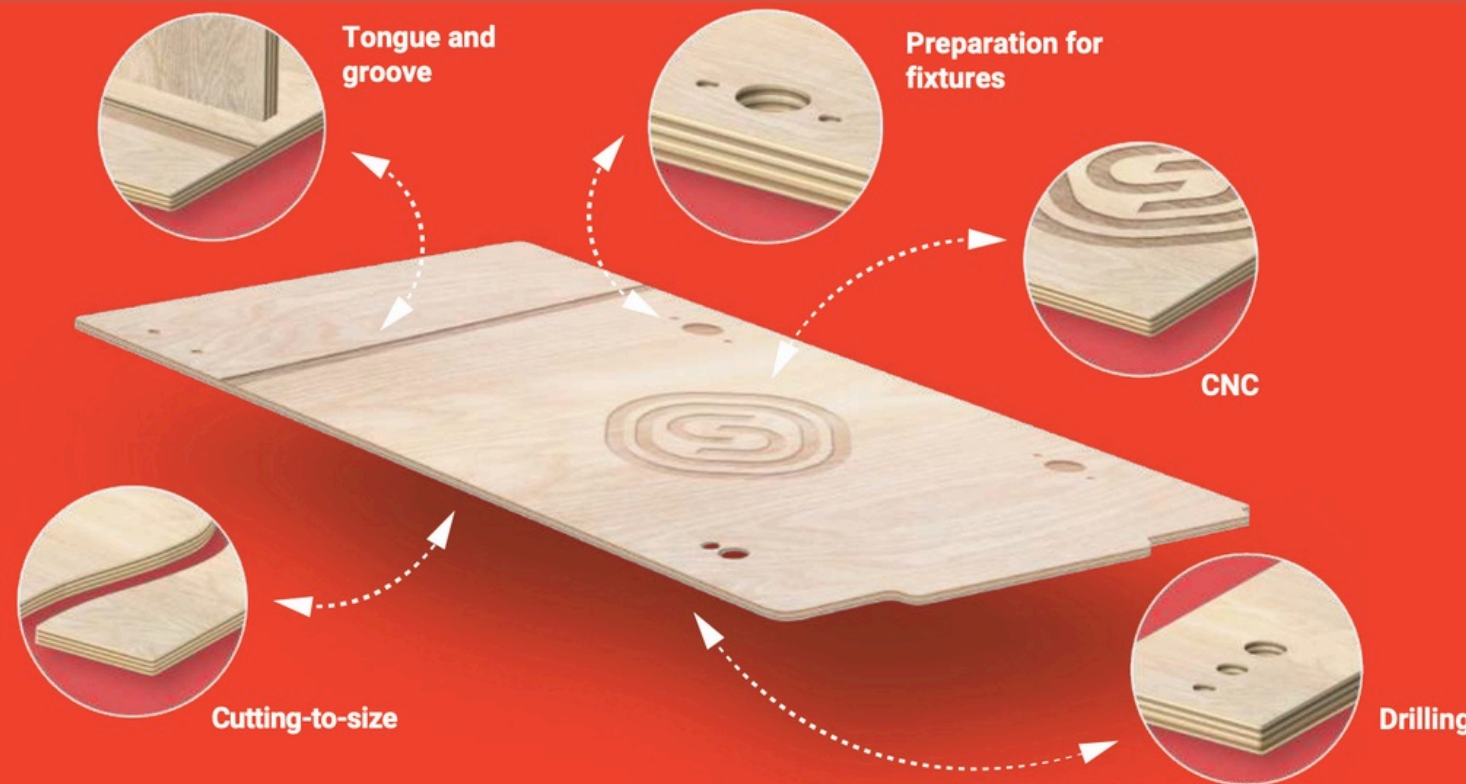
CUSTOMER SERVICE

BIRCH+EUCALYPTUS PLYWOOD

Cutting and **CNC-processing** according to customer's designs allows to adapt the finished product to individual customer projects.

Digital software control allows cutting plywood sheets in exact accordance with specified parameters.

The client receives an adapted set of plywood sheets, ready or assembly into a single structure.



SUSTAINABLE DEVELOPMENT STRATEGY

SMARTFOX



Risk management



Personnel care



Respect for human rights



R&D activity



Sound business practice and transparency



Environmental protection



Ethics, loyalty, honesty in relations with personnel, partners and counterparties,



Social investment



Innovative forestry business



Climate-Based Forest Management and Production



Responsible supply chain in the forest industry



TYPES OF PACKAGE OF SMARTFOX PLYWOOD

PARAMETER	HEIGHT OF CRATE – 400 mm													
	Size: 1220 - 2440 mm													
thickness, mm	4	6	6,5	8	9	12	15	18	21	24	27	30	35	40
sheets per crate	100	65	60	50	44	33	26	22	19	16	15	14	11	10
volume of crate, m3	1,19	1,16	1,16	1,19	1,18	1,18	1,16	1,18	1,19	1,14	1,21	1,25	1,15	1,19
gross of weight a raw plywood crate, plywood-covered, kg	857	836	836	857	850	850	836	850	857	822	871	899	829	857
gross weight of a F/F plywood crate, plywood-covered, kg	863	842	842	863	856	856	842	856	863	828	877	905	835	863
	Size: 1250 - 2500 mm													
thickness, mm	4	6	6,5	8	9	12	15	18	21	24	27	30	35	40
sheets per crate	100	65	60	50	44	33	26	22	19	16	15	14	11	10
volume of crate, m3	1,25	1,22	1,22	1,25	1,24	1,24	1,22	1,24	1,25	1,2	1,27	1,31	1,2	1,25
gross of weight a raw plywood crate, plywood-covered, kg	900	879	879	900	893	893	879	893	900	865	914	941	865	900
gross weight of a F/F plywood crate, plywood-covered, kg	906	885	885	906	899	899	885	899	906	871	920	948	871	906
	Size: 1525-3050 mm													
thickness, mm	4	6	6,5	8	9	12	15	18	21	24	27	30	35	40
sheets per crate	100	65	60	50	44	33	26	22	19	16	15	14	11	10
volume of crate, m3	1,86	1,81	1,81	1,86	1,84	1,84	1,81	1,84	1,86	1,79	1,88	1,95	1,79	1,86
gross of weight a raw plywood crate, plywood-covered, kg	1335	1300	1300	1335	1321	1321	1300	1321	1335	1286	1349	1397	1286	1335
gross weight of a F/F plywood crate, plywood-covered, kg	1344	1309	1309	1344	1330	1330	1309	1330	1344	1295	1358	1407	1295	1344
	Size: 1500-3000 mm													
thickness, mm	4	6	6,5	8	9	12	15	18	21	24	27	30	35	40
sheets per crate	100	65	60	50	44	33	26	22	19	16	15	14	11	10
volume of crate, m3	1,8	1,76	1,76	1,8	1,78	1,78	1,76	1,78	1,8	1,73	1,82	1,89	1,73	1,8
gross of weight a raw plywood crate, plywood-covered, kg	1292	1264	1264	1292	1278	1278	1264	1278	1292	1243	1306	1355	1243	1292
gross weight of a F/F plywood crate, plywood-covered, kg	1301	1273	1273	1301	1287	1287	1273	1287	1301	1252	1315	1364	1252	1301

LOGISTICS OF SMARTFOX PLYWOOD





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