

Segezha FlexPly
flexible birch plywood

A NEW FORM OF STRENGTH



For radial concreting
and non-standard
formwork systems



For interior and
outdoor solutions



Laminated flexible formwork plywood

FlexPly F/BB and FlexPly F/F

Segezha FlexPly

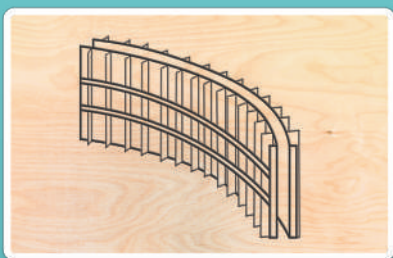


Operational parameters

Application options	Minimal bending radius
Columns	0,4
Formwork	0,8
Pre-cast items	0,8

- Special arrangement of veneer plies provides plywood sheet flexibility.
- Flat plywood sheet is adaptable to the required radius directly at the construction site.
- An elastic film resistant to cracking.
- Cost and time saving in concreting work.

Applications



Circular girder formwork



Columns



Radial framed formwork

- Cooling towers
- Tunnels
- Airports
- Water treatment facilities
- Area improvement
- Multi-level parkings
- Bridge supports and arches
- Sports facilities
- Architectural solutions

Flexible design plywood

FlexPly B/BB and FlexPly BB/BB

Segezha FlexPly



Grade BB. Veneer repair is possible: on knots with a diameter of more than 25 mm and visual defects.



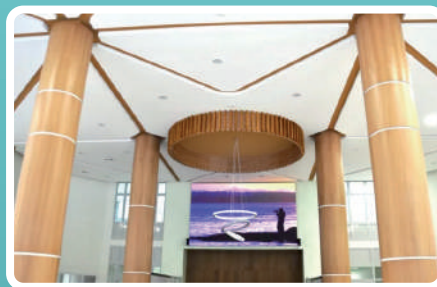
Grade B. Practically no defects: individual healthy encased knots with a diameter of up to 25 mm and hollow knots up to 5 mm are possible.

- Special arrangement of veneer plies
- Easy radial projects use
- The natural beauty of birch veneer
- Interior design and outdoor solutions

Possible applications in design



Wall panels



Decorative columns



Vending trailers and camper vans

Possible fixing of the bending line by mechanical and/or adhesive fastening:



Mechanical fastening



Adhesive fastening

Technical characteristics of flexible plywood

Segezha FlexPly

Plywood			Bending strength		Modulus of bending elasticity	
Format, mm	Thickness / Number of plies	Scope of application / Grade		⊥		⊥
			MPa	MPa	MPa	MPa
1220x2440, 2440x1220, 1250x2500, 2500x1250	9 mm / 7	Formwork: F/BB; FF	138	12	15300	650
	12 mm / 9	Design/Interior: BBBB	138	18	16800	680
	15 mm / 11		129	11	15200	670

Ultra-low formaldehyde emission class:

- compliant with emission class E 0.5 according to EN 717-1 applied in Germany
- compliant with EPA TSCA VI and CARB ULEF VYATSJKYPLYWOOD MILL TPC-13

Glue category 3 (weather and moisture resistance, WBP)

Certificates and Technical Specifications:



FPC confirmed according to EN 13986

TS 16.21.12-011-93222532-2021



Знак ответственного лесного хозяйства



ISO 14001:2015



ISO 9001:2015

CARB

OHSAS 18001:2007

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