

LTD «LESHOZINVEST»

Product Catalogue



**PLYWOOD**

Plywood is in high global demand due to its exceptional strength, rigidity, resistance to humidity, and smooth surface veneer.

Birch plywood is a wood panel 100% made from thin sheets of birch veneer glued together with highly water-resistant adhesives for indoor and outdoor use.

Non-overlaid plywood with cross- or long-grain veneer layers is commonly used in industries that require a balance between lightweight properties and strength. Meanwhile, plywood coated with a phenolic film and sealed edges using waterproof paint is preferred for applications needing enhanced resistance to wear and tear or durability in harsh environments.

### Technical details:

Veneer Type	100% birch
Sizes	2500x1250 mm (8x4), 1250x2500 mm (4x8) 2440x1220 mm (8x4), 1220x2440 mm (4x8)
Plywood Types	long grain or cross grain
Surface Types	not-sanded (NS) sanded (S2S) laminated (film-faced)
Coating	film faced smooth (F/F) film-faced anti-slip (F/W) film-faced hexa for transport industry
Density	640 – 700 kg/m <sup>3</sup>
Moisture resistance	high
Formaldehyde emission class	E0,5

Number of plies	3	4	5	6	7	9	11	13	15	17	19	21	25	29
Sheet thickness, mm	4	5	6/6,5	8	9	12	15	18	21	24	27	30	35	40

Other sizes available upon request

# BIRCH PLYWOOD RANGE

## Non-overlaid plywood



Grade E



Grade B, S



Grade BB

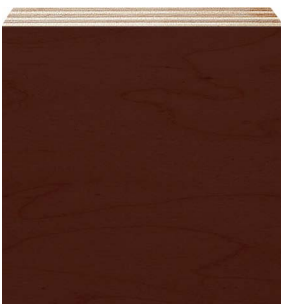


Grade CP

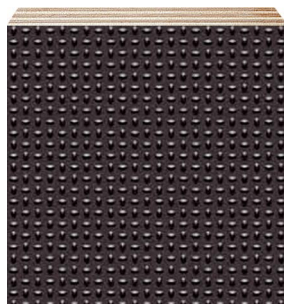


Grade C

## Film faced plywood



Grade F/F



Grade F/W



Grade F/H



# NON-OVERLAID PLYWOOD

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**PLYWOOD GRADE E**

Glue: phenol-formaldehyde resin  
Emission class: E0,5  
Thickness: 4 – 40 mm  
Number of plies: 3 – 27 plies



**PLYWOOD GRADE B, S**

Glue: phenol-formaldehyde resin  
Emission class: E0,5  
Thickness: 4 – 40 mm  
Number of plies: 3 – 27 plies



**GRADE BB**

Glue: phenol-formaldehyde resin  
Emission class: E0,5  
Thickness: 4 – 40 mm  
Number of plies: 3 – 27 plies

**APPLICATION**



Exterior decoration of buildings



Small architectural forms



Playground structures



**GRADE CP**

Glue: phenol-formaldehyde resin  
Emission class: E0,5  
Thickness: 4 – 40 mm  
Number of plies: 3 – 27 plies



**GRADE C**

Glue: phenol-formaldehyde resin  
Emission class: E0,5  
Thickness: 4 – 40 mm  
Number of plies: 3 – 27 plies

**APPLICATION**



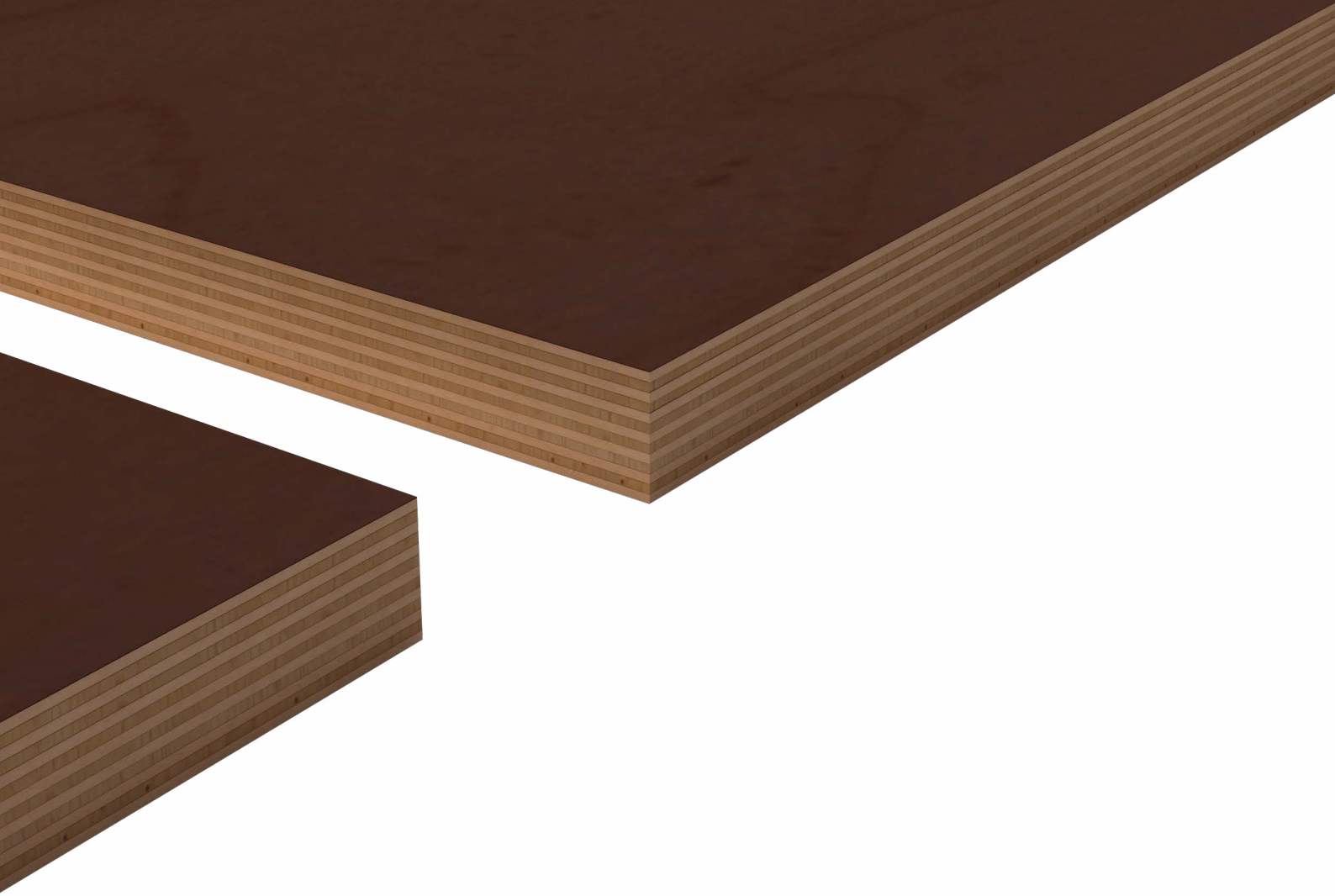
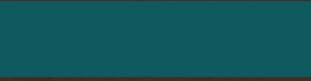
Structural material



Multipurpose packaging



Exterior and interior finishing



# FILM FACED PLYWOOD



Birch plywood, film faced on both sides,  
with a smooth surface on both sides



APPLICATION



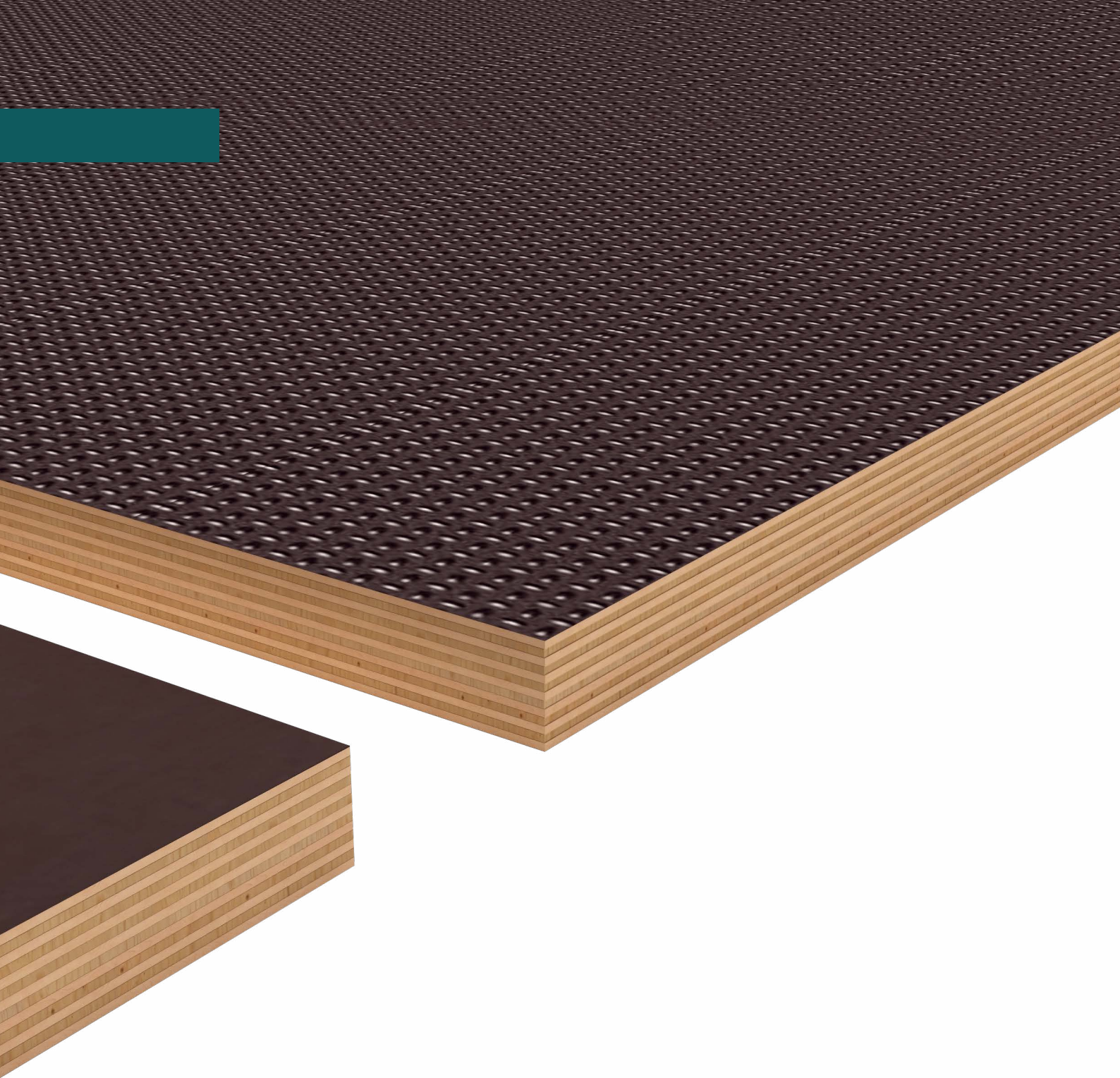
Formwork systems



Exterior and interior decoration works

Plywood brand	Film faced
Grade	B, S, BB and CP
Glue	phenol-formaldehyde
Resin film density	up to 220 g/m <sup>2</sup>
Sealing of edges	waterborne acrylic based paint
Thickness, mm	18 – 21
Number of plies	13 – 15
Wear resistance (revs according to Taber test)	350

The thickness of plywood can be changed according to the customer’s wishes in the sizes of 6 – 30 mm

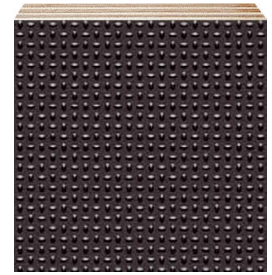


# ANTI-SLIP PLYWOOD

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Birch plywood, film faced on both sides,  
smooth surface on one side and mesh surface on the other



## APPLICATION



Floor in heavy commercial vehicles

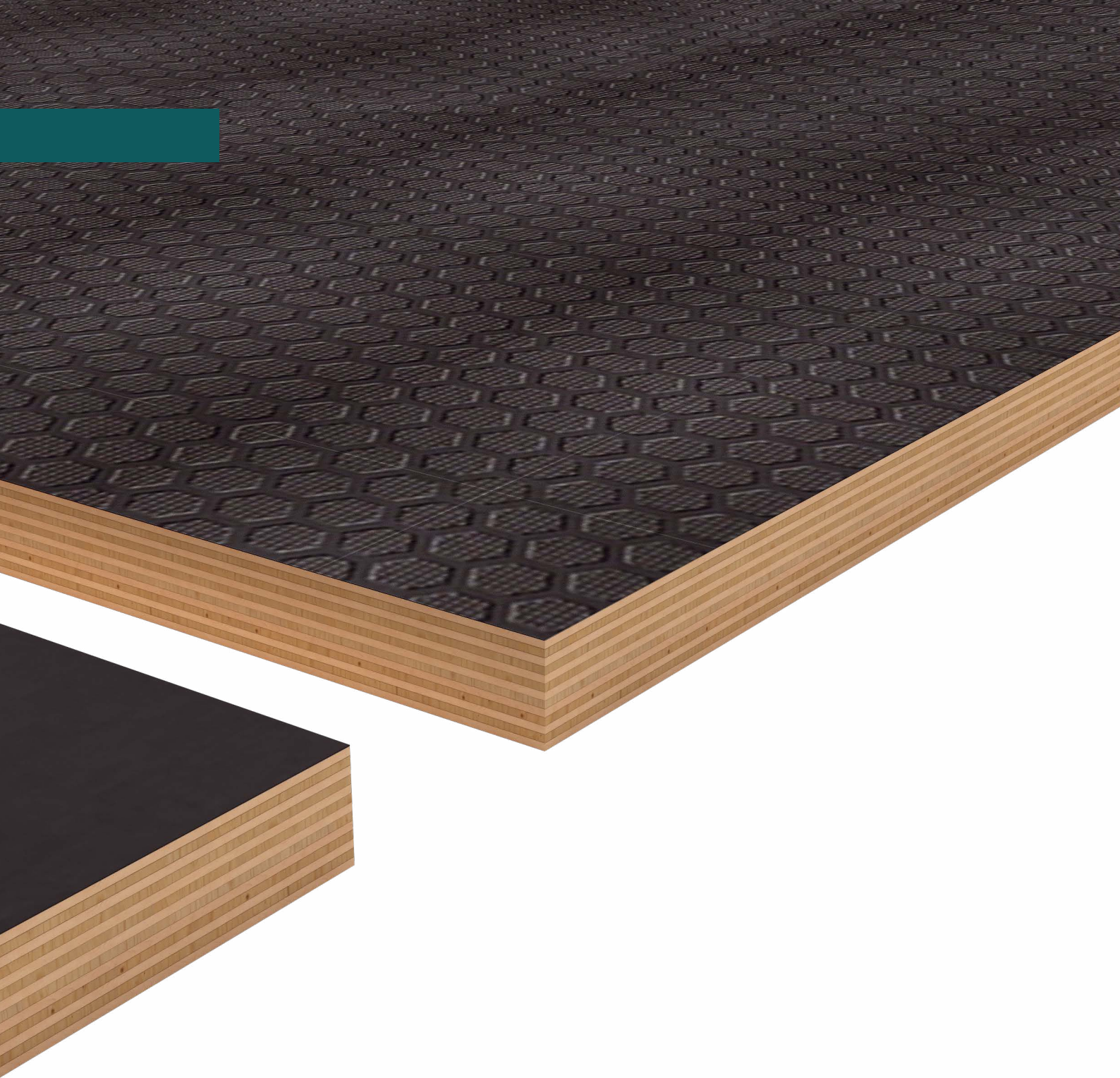


Mobile reusable structures (stages, podiums)



Outdoor playground structures

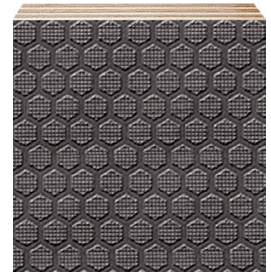
Plywood brand	Film faced
Grade	B, S, BB and CP
Glue	phenol-formaldehyde
Resin film density	up to 220 g/m <sup>2</sup>
Sealing of edges	waterborne acrylic based paint
Thickness, mm	6 – 30
Number of plies	3 – 21
Wear resistance (revs according to Taber test)	350 – 600 (depending on film)



# PLYWOOD HEXA

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Birch plywood, film faced on both sides, smooth surface on one side and a coating with a «HEXA» pattern on the other



## APPLICATION



Flooring for heavy commercial vehicles



Flooring for warehouse, commercial and other spaces



Mobile reusable structures (stages, podiums)

Plywood brand	Film faced
Grade	B, S, BB and CP
Glue	phenol-formaldehyde
Resin film density	up to 220 g/m <sup>2</sup>
Sealing of edges	waterborne acrylic based paint
Thickness, mm	6 – 40
Number of plies	3 – 27
Wear resistance (revs according to Taber test)	350 – 600 (depending on film)

## TRANSPORT LOADING RATES

Size, ft	Bundle height, mm	Container (40 ft)		Euro Trailer		Rail car (138 M <sup>3</sup> )	
		Number of bundles	Volume, m <sup>3</sup>	Number of bundles	Volume, m <sup>3</sup>	Number of bundles	Volume, m <sup>3</sup>
4x8 (1250 x 2500 mm), 8x4 (2500 x 1250 mm) plywood	400	29 – 30	36 – 37	24	30	60 – 74	75 – 92
4x8 (1220 x 2440 mm), 8x4 (2440 x 1220 mm) plywood	400	30 – 31	36 – 37	25	30	60 – 74	71 – 88
4x8 (1250 x 2500 mm), 8x4 (2500 x 1250 mm) film faced plywood	400	28 – 29	35 – 37	23 – 24	29 – 30	60 – 74	75 – 92
4x8 (1220 x 2440 mm), 8x4 (2440 x 1220 mm) film faced plywood	400	29 – 30	35 – 36	24	29	60 – 74	71 – 88

Bundle height and actual loading rates may be different, depending on the terms agreed with the customer

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