

# Grey is the colour of new opportunities



Improved water resistance



High durability

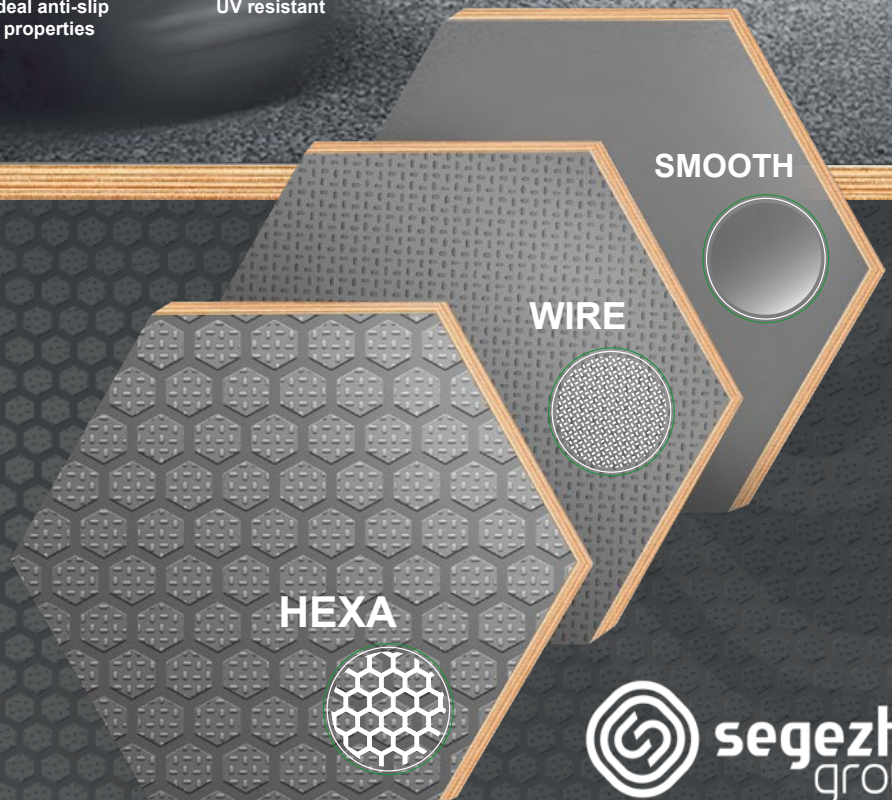


Ideal anti-slip properties



UV resistant

High-strength plywood manufactured from selected birch veneer and faced with a rich grey phenolic film with a smooth or embossed coating.



# Applications of Anthracite in the transport segment

## Segezha Anthracite

**Segezha Anthracite with embossed coating** is ideal for flooring in commercial vehicles, as well as warehouses, playgrounds, sports and concert venues.

**Segezha Anthracite with smooth coating** can be used for the manufacture of vehicle body interior elements, as well as for interior decoration.



cargo  
transport



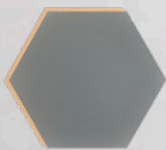
light commercial  
transport



passenger  
transport



## Segezha Anthracite Applications



**Segezha Anthracite  
SMOOTH**  
*Durable coating*

- |              |                   |
|--------------|-------------------|
| 2 Walls      | 6 Benches         |
| 3 Doors      | 7 Shelves         |
| 4 Partitions | 9 Pullout drawers |
| 5 Ceiling    | 10 Tool boxes     |



**Segezha Anthracite  
WIRE/HEXA**  
*Anti-slip coating*

- |         |        |
|---------|--------|
| 1 Floor | 8 Ramp |
|---------|--------|





## Key advantages



Optimal combination of price and quality



Increased resistance to alkalis



High-quality birch veneer



Excellent decorative characteristics



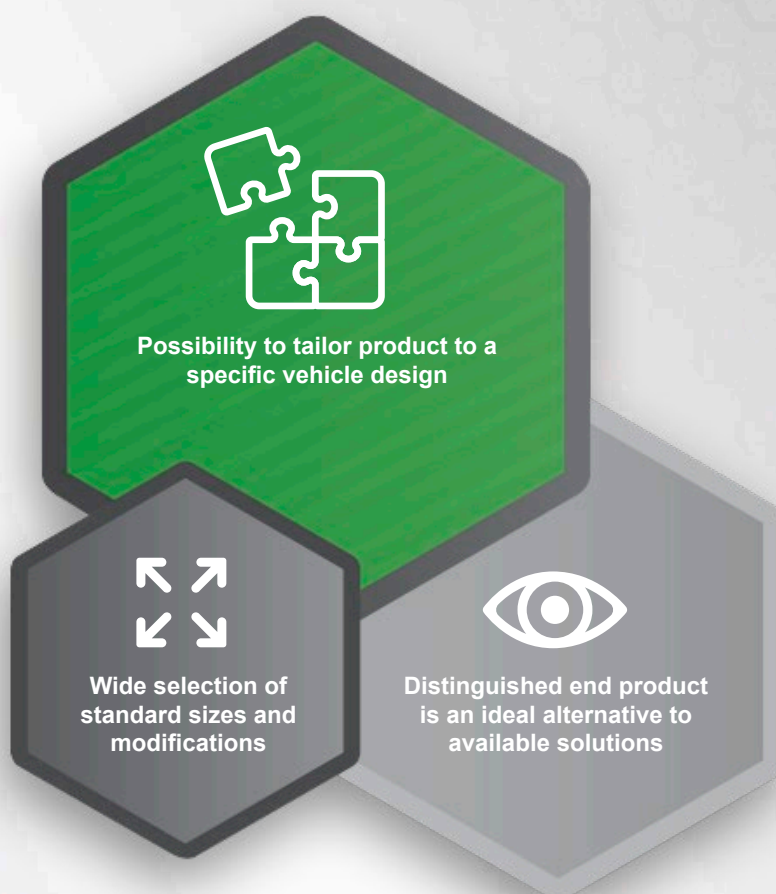
3x less formaldehyde emission\*



50% lower water absorption\*

\* compared to standard phenol films

## Segezha Anthracite



## Characteristics

Sheet size, ft - mm	<div>4×8×4</div> <div>5×10</div> <div>4×10</div> <div>5×8</div>	<div>1220×2440×1220</div> <div>1250×2500×1250</div> <div>1500×3000, 1525×3050</div> <div>1220/1250×3000/3050</div> <div>1500/1525×2400/2440/2500</div>
Sheet thickness, mm	6 - 40	
Coating type	Hexa /smooth, wire /smooth, smooth /smooth	
Film type	Phenolic modified	
Film density, g/m <sup>2</sup>	120 / 220	
Durability by Taber-test, turns	360 - 740*	
Formaldehyde emission class	E1	
Glue category	WBP	
Plywood moisture content, %	≤12	
Plywood density, kg/m <sup>3</sup>	650-730	
Warranty shelf life, years	5	

\*depending on the film density (120-220 g/m<sup>2</sup>)

## Strength characteristics

## Segezha Anthracite

Thickness, mm	Ultimate strength in static bending, MPa, not less than		Modulus of elasticity in static bending, MPa, not less than	
	along the fibres of outer layers	across the fibres of outer layers	along the fibres of outer layers	across the fibres of outer layers
6.0; 6.5	64.1	38.9	9,606	3,894
9	57.3	42.5	8,597	4,903
12	54.0	43.7	8,106	5,394
15	52.1	44.1	7,818	5,682
18	50.9	44.4	7,630	5,870
21	50.0	44.6	7,497	6,003
24	49.4	44.7	7,399	6,101
27	48.9	44.7	7,324	6,176
30	48.5	44.9	7,264	6,236
35	47.9	44.9	7,175	6,325
40	47.4	44.9	7,113	6,387

## Stock list

Branded product	Coating type	Film density, g/m <sup>2</sup>	Sheet thickness, mm
Anthracite Smooth, 120/120	Smooth (FF)	120/120	6-40
Anthracite Smooth, 220/120	Smooth (FF)	220/120	
Anthracite Smooth, 220/220	Smooth (FF)	220/220	
Anthracite Wire, 120/120	Wire (FW)	120/120	6-40
Anthracite Wire, 220/120	Wire (FW)	220/120	
Anthracite Wire, 220/220	Wire (FW)	220/220	
Anthracite Hexa, 120/120	Hexa (HF)	120/120	6-40
Anthracite Hexa, 220/120	Hexa (HF)	220/120	
Anthracite Hexa, 220/220	Hexa (HF)	220/220	

\* Alternative combinations of film and surface types are available on request



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ISO 14001:2015 ISO 9001:2015 OHSAS 18001:2007

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