



# Ekoa<sup>®</sup> Surface - Auto

## Durable, Beautiful, Clean

Ekoa<sup>®</sup> high-performance, elegant and sustainable composites are crafted from natural fibers. Ekoa<sup>®</sup> is not wood — it's better.

### Features

- High performance
- Plant-based
- Elegant natural finish
- Available prefinished
- Finish options

### Benefits

- Lightweight
- Low carbon footprint
- Easily molded
- Highly consistent
- Abrasion resistant



## Physical Properties - Ekoa Auto 'One'

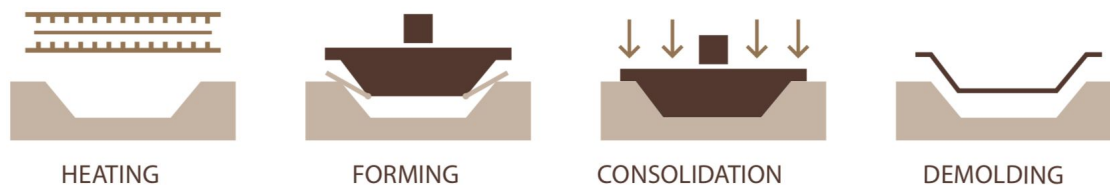
Ekoa <sup>®</sup> UD-Series (Auto Two)	Imperial	Metric
Areal Weight	12.7 oz/yd <sup>2</sup>	430 gsm
Tensile strength (MD)	TBD	TBD
Tensile strength (TD)	TBD	TBD
Modulus of Elasticity (MD)	4800 ksi	26.8 GPa
Width	15.75"	400 mm
Master Roll Length	325 ft	100 m
Thickness	.014" +/- .001"	0.36mm +/- .03 mm
Typical molding temp.	340°F-445°F	170°C-230°C
Minimum Radius	1/16"	1.5mm
Chemical composition	Request SDS	
Chemical resistance	Acid/Alkali Stable	
Biobased Content	Maximum 45%	

## Applications

- Floor, instrument panels, door spear, seat back, steering wheel, headliner
- Structural, semi-structural panels—flat and curved

## Molded auto interior parts

- Custom colors, finishes are available subject to minimum order quantities
- Compression molding, injection molding and back-injection
- Complex geometry achievable including tight radii and curvature



Contact us: ✉ [orders@lingrove.com](mailto:orders@lingrove.com) ☎ 415 671-8191 for more information.

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## Physical Properties - Ekoa Auto 'Two'

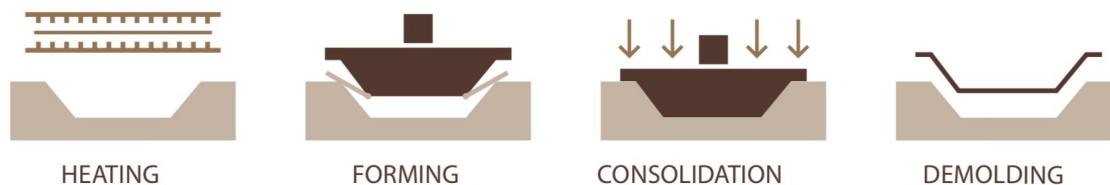
Ekoa <sup>®</sup> UD-Series (Auto Two)	Imperial	Metric
Areal Weight	18.0 oz/yd <sup>2</sup>	610 gsm
Tensile strength (MD)	105 ksi	724 MPa
Tensile strength (TD)	37.3 ksi	257 MPa
Modulus of Elasticity (MD)	4800 ksi	26.8 GPa
Width	15.75"	400 mm
Master Roll Length	325 ft	100 m
Thickness	.022" +/- .001"	0.56mm +/- .03 mm
Typical molding temp.	340°F-445°F	170°C-230°C
Minimum Radius	1/16"	1.5mm
Chemical composition	Request SDS	
Chemical resistance	Acid/Alkali Stable	
Biobased Content	Maximum 45%	

## Applications

- Floor, instrument panels, door spear, seat back, steering wheel, headliner
- Structural, semi-structural panels—flat and curved

## Molded auto interior parts

- Custom colors, finishes are available subject to minimum order quantities
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