

 Sustainable Water Consumption Compostable Renewable

ADVANCED PRODUCTS

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# Vendura

PURE TAN + RENEWABLE FINISH  
(Chrome-Free)





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At Pangea, our mission is to take what nature has created and preserve it. Enhance it. Make it useful and beautiful. Our line of Advanced Products does just that.

Using proven tanning and finishing processes, we have crafted a stunning new range of automotive leather solutions.

Inspired by the natural world, Pangea's Advanced Products are the perfect canvas to create unique luxury products that amaze and inspire.

## Pangea Vendura

**Renewable. Compostable. Rising from and returning to the earth.**

Vendura begins with a connection to our planet and it will be welcomed at its disposal. A compostable product, it is free of heavy metals and has instead been treated with earth minerals and vegetable extracts.

Responsibly sourced and sustainably processed, Vendura uses a plentiful clay-like mineral tanning agent, that results in outstanding leather performance that is also eco-friendly.

Global Warming Potential (GWP) emission equivalents for Vendura are 24% lower than in traditional chrome-tan leather and we've replaced 20% of the petroleum-based polymers with plant-derived polyurethanes.

### Chemistry (beamhouse + tan + retan + finish)

1.70 kg of chemicals/m<sup>2</sup>

### Renewable Chemistry

Tanning technology: 39% of chemical package (abundant and stable supply compared to chrome)

Substrate: 53% in retanning

Coating: 20% of all finish layer

Overall: 25% of all chemicals

### Recycled Chemistry

Under evaluation by chemical suppliers and holders of process intellectual property

### Emissions From Energy Consumption

0.46 kg CO<sub>2</sub>e/m<sup>2</sup>

### Waste Management

Overall Impact: 0.48 kg CO<sub>2</sub>/m<sup>2</sup> lower than traditional leather

Options: energy recovery, Recycled Tan, and collagen recovery