

 Circular Process Chemical Savings Bio-Polymers

ADVANCED PRODUCTS

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# Pulvera

BUFF POLYMER + RENEWABLE FINISH  
(Chrome)



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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 Pulvera

**Ecological. Circular process dramatically reduces environmental impact.**

Pulvera is a full-bodied leather that comes full circle, thanks to a circular process that incorporates a recycled compound made from buffing process waste. The simple and clean addition of water and renewable energy transforms this waste into a valuable feedstock that replaces half of the chemicals from dyeing and softening the leather.

This revamped process creates this luxurious interior material and carries a Global Warming Potential (GWP) impact that is up to 40 percent lower than standard processes because of the recycled chemistry.

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

1.46 kg of aqueous chemical dispersions per m<sup>2</sup>, 16.5% being buffing dust solids.

### Renewable Chemistry

29% of all chemicals used

### Recycled Chemistry

Substrate: 37% in retanning process

Overall: 16% of all chemicals

### Emissions From Energy Consumption\*

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

### Waste Management

Credit of 0.2kg CO<sub>2</sub>e/m<sup>2</sup> in LCA

Overall impact: 22% - 28% lower GWP than standard crust substrate

\*will further improve with offsets and green-E projects.