

INNOVATION IN DESIGN

Shortlisted: Cecence

The world's thinnest economy sustainable seatback.

Cecence has developed what is believed to be the world's thinnest economy sustainable seatback, working with Design Q on a NATEP project through ATI, partnered by SHD Composite Materials and Wavelength NDT, and supported by Plyable,

Cecence's composite engineering and composite materials know-how, proprietary preform and processing methods produced a seatback that was super thin, incredibly light, strong and sustainable.

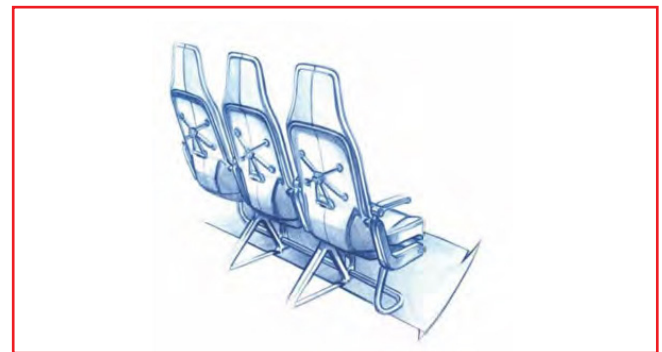
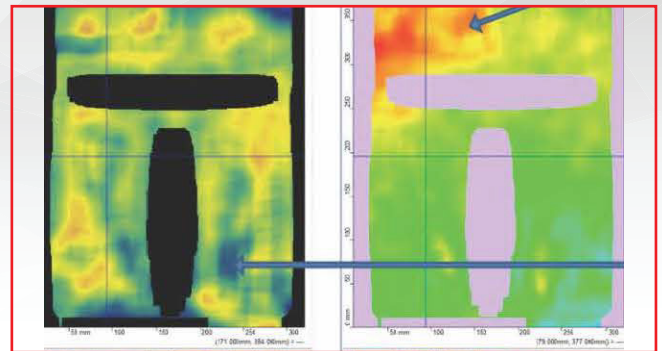
The component is compatible with existing seat frame structures helping drive down costs for the airline in terms of upgrades to their current seating.

There is no other seat currently on the market that achieves the same weight saving, space saving or which offers an equivalent level of sustainability in materials used, at a commercially viable price.

To achieve the radical ultra slim design, the team also sacrificed the traditional tray table replacing it with the option of integrated cup and smartphone holders.

The innovation will enable more leg room and fit with the needs of today's commercial airline passenger.

Airlines need to demonstrate their eco credentials to today's eco savvy customer.



The seat back's bio-resin/carbon composite allows this eco-friendly USP to be placed directly in the eyeline of the customer enabling the airline to demonstrate its commitment to a circular economy promoting the use of sustainable materials in aero interiors.

Website: www.cecence.com

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