

FACTSHEET

Hybrid Display

CHALLENGE

Producing a Cradle to Cradle® inspired hybrid display with Design for Disassembly features allowing for up cycling after the useful life.

SOLUTION

By using the patented thermo lamination technology for both making the Sizopreg HTL® sheet material and the form parts The Export Office realized together with the licensee Tekton and Zwartz a perfect recyclable hybrid display, which has been designed by Ctrl Design.

RESULTS

- Development of a low cost bio based display
- CleanTech process technologies.
- The partially bio based HPL top layer shall to be recycled in its own technological loop.
- The fully bio based HTL Sizopreg inner layer can be either up cycled or safely composted.



Figure 1



Figure 2

Key Facts

Partners *Zwartz Laminating & Converting - Oldenzaal
Tekton BV – Groot Ammers
Ctrl Design - Nijverdal*

Technologies *thermo lamination
vacuum forming
thermo splitting*

Features *Cradle to Cradle® inspired
HPL Reynstone®
HTL® Sizopreg®
Design for Disassembly*

Contact *The Export Office
Potdijk 8
7475 SL Markelo
The Netherlands*

*+31 (6) 57 19 18 65
info@exportoffice.nl
www.export-office.nl*

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