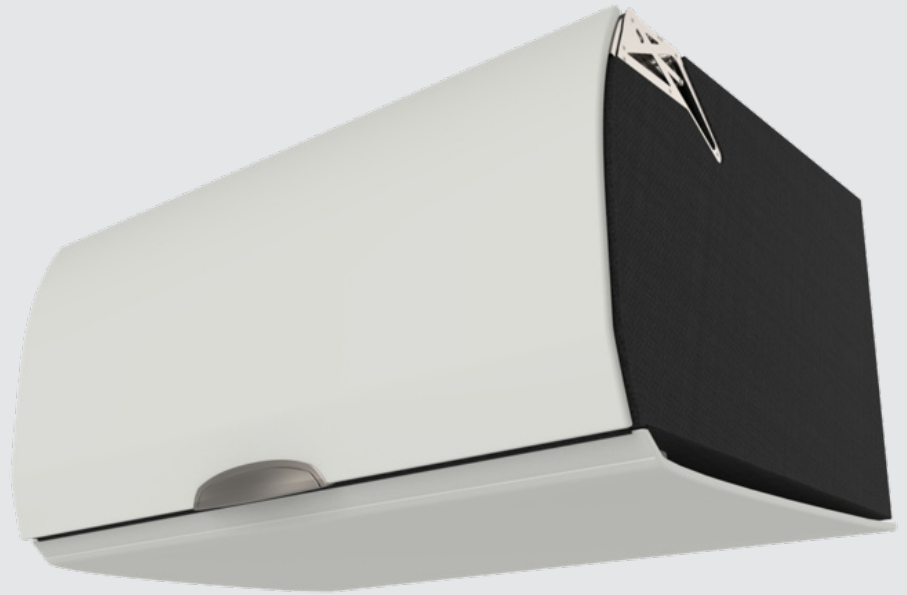


ECO BIN
MADE OF
THERMOPLASTIC
COMPOSITES



SUSTAINABLE FEATURES



RECYCLABLE
MATERIAL



CO₂
SAVING



WASTE
REDUCTION

CHARACTERISTICS

ECO Bin by Diehl Aviation is the answer to the demanding market for sustainable products. The *ECO* Bin is designed to be recycling-friendly. This design incorporates adhesive-free joining solutions, recyclable materials and a reduced number of different materials. The *ECO* Bin consists of a thermoplastic sandwich featuring organosheets and thermoplastic core, which is recyclable at the end of life. The used thermoplastic sandwich has a very low CO₂ equivalent compared to currently used sandwich.

BENEFITS

- Recyclability of the bin corpus of the *ECO* Bin
- CO₂ reduction of material and manufacturing
- Fast manufacturing and in-line production possibility
- Adhesive-free joining
- Reduced manual labor

SUSTAINABLE FEATURES*



RECYCLABLE
MATERIAL

The *ECO* Bin is 100% recyclable. This makes 2/3 of the *ECO* Bin recyclable.



CO₂
SAVING

32% reduced carbon footprint of *ECO* Bin in production.



WASTE
REDUCTION

Due to the use of recyclable thermoplastic materials in the *ECO* Bin, no waste is produced.

Diehl Aviation aims to contribute to the industry's goal of achieving net-zero aviation by utilizing lightweight, recycled, or bio-based materials to optimize resource consumption and reduce CO₂ emissions. These initiatives are at the core of the *ECO* efficiency product range.