

ECO BIN

MADE OF THERMOPLASTIC COMPOSITES

DIEHL
Aviation

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 corpus of 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
- CO₂ eq reduction of material and manufacturing
- Fast manufacturing and in-line production possibility
- Adhesive-free joining
- Reduced manual labor

SUSTAINABLE FEATURES*



RECYCLABLE
MATERIAL

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



CO₂
SAVING

95% reduced carbon footprint of bin corpus in production.



WASTE
REDUCTION

Due to the use of recyclable thermoplastic materials in the corpus of the bin, the waste is lowered by 66,7 %.

*More Infos about the Sustainability Features you can find here:
<https://www.highlights-diehlaviation.com/en/eco-efficiency/>