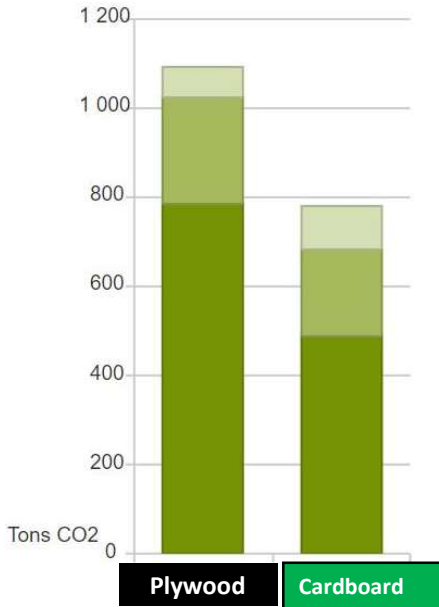


Annual savings

ENVIRONMENTAL



CO2 Savings

314 metric tons = 29%



-190 594 kg
Landfill waste



-67
Passenger vehicles
driven for one year

- End of life = -29 tons
- Transport = 44 tons
- Packaging = 300 tons

Plywood

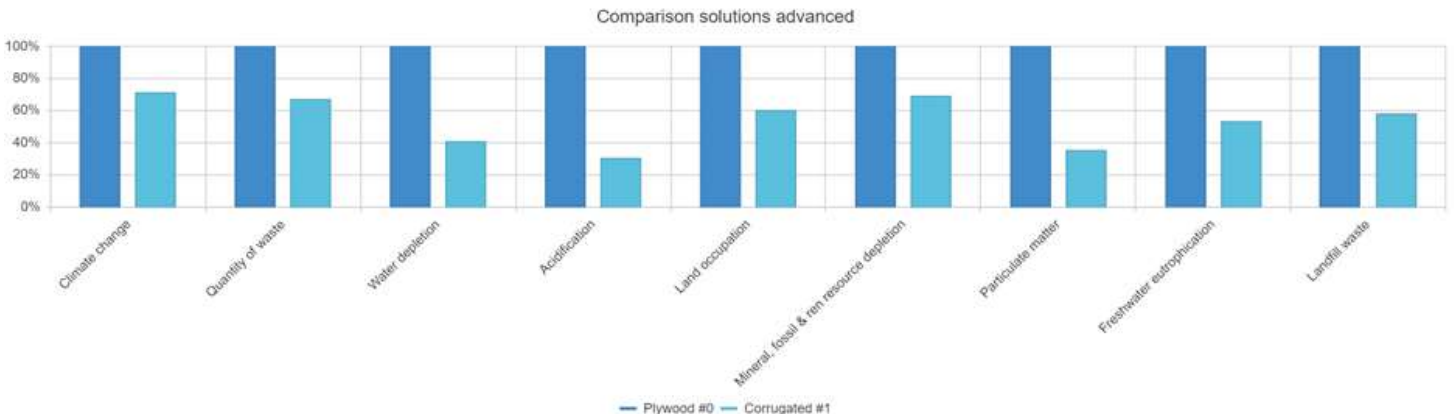


Material Usage	
Plywood	19,5 kg
Steel Galvanized	3 kg
Wood	16,3 kg
Total	38,8 kg

Cardboard



Material Usage	
Plywood	2,9 kg
Wood	16,5 kg
Corrugated	5 kg
Edgeboard	1,5 kg
Total	25,9 kg





ALCAD committing to carbon footprint reduction is introducing a sustainable packing: Cardboard boxes

From September ALCAD will start using the cardboard boxes for all deliveries. Cardboard boxes are a way to ALCAD commit to operating in a way that creates progress towards the sustainability. Through our commitment, we want to help preserving the environmental, social and economic assets that are fundamental for society and important to our long-term value creation.

All the goods related with Ni-Cd batteries from ALCAD Sweden will be shipped with the new type of box (except for airfreight). The new boxes will be made of cardboard with inside reinforcement made of strong carton. The box will also be wrapped with PE-plastic. The new box is tested and qualified according to ASTM 4169

The cardboard boxes comply with:

- ✓ IMDG regulation for sea transportation and the ADR regulation for road transport.
- ✓ ISPM regulation regarding protection against spread of vermin to other countries.
- ✓ Can be stacked up to 4 boxes during transport and storage.
- ✓ Same dimensions as for the existing plywood solution.
- ✓ Same capacity as for the existing plywood box regarding weight.
- ✓ Possible to open and reseal
- ✓ Internal supporting walls that give a very stable design and protect the cells inside the box.

The packing boxes shall meet the following regulations:

- ASTM, An American standardizing practice.
- ASTM D4169, the standardizing practice for packing material. The standard describes adequate test procedures for packaging material. The test we carried out on our new box corresponds to the stresses during real transport by rail, truck and sea freight.
- ADR, European Agreement concerning the International Carriage of Dangerous Goods by Road
- IMDG, International Maritime Dangerous Goods Code, for sea transport
- RID, International Regulations on the Transport of Dangerous Goods by Rail
- ICAO, Technical Instructions for the Safe Transport of Dangerous Goods by Air
- IATA, Dangerous Goods Regulations, for air transport
- UN Recommendations on the Transport of Dangerous Goods

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