

CARBON FOOTPRINT OPTIMISATION SOFTWARE MODULE



The CO2 software module from PCS can be used to effectively calculate the carbon emissions generated for a 'complete pallet load' of consumer goods.

The 'complete pallet load' includes the primary pack (and sub components), tertiary, secondary pack, plus all associated pallet loading accessories such as strapping, stretch wrap and the pallet.

The software can instantly calculate many options for one design brief and assign the CO2 emissions attributable to all of the options. This means the user can confidently select a low carbon solution.

Data Source:

We use a reputable source for our base CO2 usage per KG of packaging materials. Users can substitute their own figures for those used so as to ensure maximum accuracy for a product range.

To use the system, simply enter the packaging components into an easy to use screen.

Other Superpac input data is then used to generate all options for packing the product.

Primary select		Material detail	Co2e set up
Main component of primary	Co2e category		Weight (g.) per item
Bottle	Glass		185
Additional components			
1) Label	Paper		12
2) Cap	PP Rigid		35
3) Carton	Carton Board		55
4) Leaflet	Paper		15
5)			
6)			

Typical uses:

- Optimising packaging format bases on CO2 emissions**
- Calculating carbon footprint of current product range**
- Calculating carbon footprint of new products**
- Supplying information to customers (i.e. retailers)**
- Comparing carton footprint between different type of packaging**
- Establishing the effect of shipping distance on carbon footprint**
- Maintaining a record of design decisions affecting carbon footprint**
- Setting up templates for future development of packaging**
- Aiding compliance with PAS 2050**
- Aiding self and 3rd party verification of carbon footprint**

Next Steps: Contact us now to receive a free evaluation of one of your packs.

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