

ENVIRO-PLATE NUMBER PLATES

SUSTAINABILITY OVERVIEW

Enviro-Plate's sustainability comes from using recycled ABS and efficient clear film. Our polyester film is more cost-effective than reflective sheets and just as durable. Utilising 90% recycled ABS under ORALITE reflective gives Enviro-Plate's backing a much reduced carbon footprint. Enviro-Plate has a smaller environmental footprint than standard plastic or recycled aluminium number plates. After processing, the ABS backings can be recycled at the end of life & reused.

Note: CO2 Figures below exclude the reflective layer since its carbon footprint is currently unavailable.

Carbon Footprint

Estimations put Enviro-Plate's carbon footprint at just 0.31kg of CO2 per number plate. This low figure is due to our combination of polyester film and recycled ABS backing plates.

Number Plate CO2e Breakdown

Polyester Film	1% @ 0.11kg
Reflective Layer	4% @ NA
Backing Plate	95% @ 0.20kg

Efficient Film

Printing on Polyester Film helps Enviro-Plate to be efficient & reduces annual expenditure. Our film is a fraction of the price of dry reflective sheets, so every number plate costs less.

Enviro-Plate reduces number plate costs by up to 25% compared to other brands, according to a prominent automotive procurement platform.



Recycled ABS Backings

Enviro-Plate backings are made of 90% Recycled ABS from Scotland, topped off with Oralite Reflective. ABS plastic is repeatedly recyclable, so utilising it increases Enviro-Plate's overall sustainability.

Despite having a 10% Virgin / 90% Recycled mix, Enviro-Plate has an approximate footprint of 0.31kg of CO2. Enviro-Plate's material CO2 compares favourably with plastic's 0.89kg and 1.32kg for recycled aluminium.



End of Life

Enviro-Plate's ABS backings are recyclable and can be used to create new items at the end of their life. Recycling requires the waste plates to be processed first by stripping away the printed film & reflective layers.

Dependent on your waste management provider, waste ABS is cleaned & separated if mixed with other plastics. The sorted ABS is then shredded, melted & turned into pellets. The pellets are sold to manufacturers to remould.



