



GIVING OLD NUMBER PLATES A NEW LIFE

RECYCLING SERVICE

We are proud to offer our Dealership & Service Centre partners a Recycling Service. If your team makes an eligible volume, we will provide an on-site bin for your waste number plates. Once the bin is full, we'll collect it and send your plates to be recycled.

Recycling includes cleaning & sorting the plates into materials before processing. During processing it's ground down, smelted or separated & reformed. This is far more eco-friendly than landfill or extracting new resources, it also generates fewer emissions.



RIGID ABS

ABS is cleaned & ground down into pellets, the pellets are melted and turned into ABS sheets.



CLEAR ACRYLIC

PMMA Acrylic is turned into pellets, then depolymerised using heat & turned into new resins.



REFLECTIVE SHEET

Thin Reflective sheets & layers are either discarded or turned into energy during recycling processes.



ALUMINIUM

Metal or aluminium is smelted & formed into ingots, these ingots are used to make new items.



GREENER COMPONENTS



Our recycling service was created to supplement our sustainable number plate components. Like LG Enviroplate which is made from 90% ABS and is recyclable after use. Or our PMMA Clear Acrylic, which is also recyclable and reusable once it has been flaked & refined into monomers.



COST EFFECTIVE

Our Clear Acrylic is recyclable, durable and provides superior optical clarity.



COMPLIANT

Clear Film is printable & highly efficient, costing much less than dry reflective.



ECO-FRIENDLY

Recycled LG Enviroplate has an approximate footprint of 0.5 CO₂e per kg of ABS



CUTTING EDGE

Oralite's manufacturing facilities reduces emissions & improves local air quality.

RECYCLING BENEFITS

- Stops waste number plates going to landfill
- Prevents virgin resources from being mined
- Uses existing materials to reduce emissions
- Recycling materials typically uses less energy



RECYCLING PROCESSES

- PMMA Acrylic is shredded or flaked, depolymerised into resin & moulded
- Enviroplate is ground down into ABS pellets, melted & turned into sheets
- Aluminium is smelted into ingots, heated and formed into new metal sheets
- Film & Reflective layers can't be separated easily, so it's turned into energy



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