



## 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 is eligible, 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 destroyed 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 Enviro-Plate which is made from 90% ABS and is recyclable after use. Or our PMMA Clear Acrylic, which is also 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 0.8 CO2e per kg of AB



## 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 & molded
- 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 can't be separated easily, so it's usually incinerated



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