

ENVIRO-PLATE CONSTRUCTION

PRINT MEDIA

CLEAR FILM 0.2mm Thick Polyester Film

BACKING PLATE

REFLECTIVE LAYER ORALITE License Plate Reflective

LG ENVIROPLATE 3mm Thick 90% Recycled ABS



ECONOMICAL & ECO-FRIENDLY NUMBER PLATES

Tennants Enviro-Plate is the most efficient number plate on the market. Enviro-Plate not only reduces annual expenditure but also brings recyclable sustainability. The savings come from switching to printed film instead of dry-reflective. Its eco-friendly credentials are a result of using recycled & recyclable ABS.

Fully compliant, Enviro-Plate exceeds the retroreflective & durability levels required by the British Standard. With 2 components, it takes seconds to assemble the reverse-printed film onto the rigid backing. Utilising recycled ABS means Enviro-Plate has a lower footprint than recycled aluminium plates. LG EnviroPlate comes with a high-tack adhesive coating under a protective cover.

Specification

CLEAR FILM

Material: Polyester Film Sheets (PET)
Guage: 0.2mm | 200 microns thick
Surface: Toner/Ink receptive coating
Additional: UV Stable, offers exceptional optical clarity with high-tensile strength

LG ENVIROPLATE

Material: 90% Recycled ABS Plate
Guage: 3mm | 3000 microns thick
Surface: ORALITE license plate reflective | adhesive faced
Additional: Durable, UV Stable & fade resistant with a retroreflective finish

Sustainable & Eco-Friendly

Enviro-Plate's sustainability comes from using 90% recycled ABS backings that are recyclable at the end of life. Our polyester film also plays its part, being low-cost and as durable as reflective sheets. Utilising recycled ABS & Polyester film reduces the carbon footprint of Enviro-Plate favourably compared to plastic & aluminium number plates. This eco-friendliness has seen many of our partners switch number plate constructions to Enviro-Plate.



Enviro-Plate

Our Clear Film & ABS Plate construction has a carbon footprint of approx. 0.31kg of CO2 per number plate



Backing Plate

LG EnviroPlate contains 90% recycled ABS sourced from the UK and is topped with ORALITE Reflective



Printed Media

Tennants Clear Film is made from polyester and is precoated to help toner or ribbon ink bond

Standards Compliant

Enviro-Plate uses printed film sheets laminated above a 3mm reflective plate. Enviro-Plate's specification is covered by our 2024 BSAU 145e certification, showcasing our commitment to compliance. BSAU 145e accreditation requires samples pass 11 separate durability and visibility tests, including weather, chemical & abrasion resistance. Reinforcing our belief that BNMA Members, like Tennants, offer clients superior products & services.



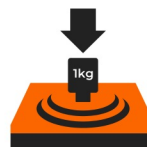
Weathering

Samples undergo 2275 hours of weathering tests, including heat, cold, UV light & water spray



Retroreflectivity

After each BSAU 145e test the samples are checked to ensure they meet visibility and reflectivity levels



Impact Resistance

Tennants Enviro-Plate can resist simulated impacts & still maintain its integrity and remain readable