High-Performance Materials

Glasdon materials have been developed to deliver long-lasting performance across a wide range of applications and environments. From impact resistance and structural strength to corrosion protection and low maintenance requirements, each material is engineered to provide specific performance benefits and support product durability, reliability and service life.

All materials listed are recyclable at the end of their service life.

Armortec™-coated steel provides corrosion resistance that extends the life of Glasdon metal products and components used externally.
Duracore™ material features a tough outer wall of Durapol material with an internal reinforcing wall of cellular construction, which increases rigidity and offers outstanding performance benefits. Duracore material will not chip or rust, is easy to clean and never needs painting.
Duraplus™ material is a polymer specially engineered to provide enhanced resilience, which gives improved recovery from impact.
Durapol™ material is a polymer formulated to withstand extreme temperatures and is impact tested in our Quality Assurance Laboratory as part of our ISO 9001:2015 test procedure. Durapol material will not chip or rust, is easy to clean and never needs painting.
Duratec™ material has been specifically created for use in internal environments. In addition to its attractive appearance, it offers a blend of toughness, rigidity and dimensional stability.
Ecoboard™ material is manufactured using a combination of virgin polymer and post-consumer plastic waste to create a very robust and strong panel. Ecoboard material will not chip or rust, is easy to clean, and never needs painting.
Enduropol™ is an engineering-grade, recycled-rubber compound manufactured from 98% recycled rubber tyres and pressure moulded to create strong, hard-wearing and impact-resistant material.

Enviropol™ material is manufactured predominantly from post-consumer plastics. By balancing these uncontaminated recycled waste materials, the result is a remarkably versatile product with many applications and benefits. Enviropol material will not chip or rust, is easy to clean and never needs painting.

Everwood™ material is a realistic timber grain polymer that requires minimal maintenance. Everwood material is vandal and weather resistant and will not rot, warp or crack.

Impactaflex™ material has been specially developed by Glasdon to provide Chevroflex Ultra™ with superior rigidity and resilience, offering exceptional recovery performance after a drive-through collision.

Passively Safe Impactapol™ is a flexible material with excellent recovery performance, meaning it will return to its original shape following a drive-through collision. Impactapol material products reduce maintenance budgets in vulnerable locations by continuing to perform to statutory requirements even after repeated impacts. Impactapol material offers all the additional benefits of Durapol material: it is self-coloured and totally corrosion free.

Reflexapol™ polymer is specially engineered for long service life in exposed locations. It has good recovery properties and will never need painting.

Timberpol™ is a durable and strong composite material containing a minimum of 70% recycled hardwood sawdust and recycled polypropylene. It is a remarkably versatile product with many benefits.

Ultraflex™ polymer is formulated to withstand harsh environments and has enhanced flexibility and extensibility properties, offering good recovery performance after vehicular impact.

Vandalex™ material is an aluminium alloy engineered to produce a high modulus of elasticity, which offers increased impact absorption properties. Its anodised finish will not rust, is easy to clean and never needs painting.

© Glasdon 10/2026
GX488/100/LP