



Our commitment to sustainability & minimising our impact on the environment



Sustaining a lasting Legacy.

About us

The Parkside Group Limited, TPG, is a British independent group which delivers innovative building envelope solutions to the construction industry. TPG includes some of the most respected brands in the construction industry, including Comar Architectural Aluminium Systems, Axim Architectural Hardware, and Duco Ventilation Systems. TPG's focus is to be the partner of choice for the design and delivery of innovative building envelope solutions to the construction industry.

Our brands



Comar designs, extrudes and distributes over 700 integrated profiles to a nationwide approved fabricator network for use in aluminium ground floor treatment, window, door & curtain walling applications.



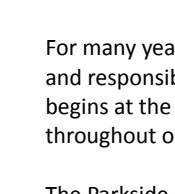
Axim designs and supplies a comprehensive in-stock range of transom closers, panic exit devices, floor-springs, flush-bolts, electric strikes, reversible dead latches, letter-plates, locks and handles.



The Legacy from Comar suite is built on more than 55 years of experience. With a nod to the past, but with the future in mind, the range provides a range of windows and doors that combine elegance and thermal efficiency, slim sightlines and structural strength.



Duco deliver innovative solutions in ventilation and solar shading systems which guarantee a natural, healthy, comfortable and energy-efficient indoor climate.



Supply Chain Collaboration & Responsible sourcing

The production of aluminium inevitably has an impact on the environment and we recognise the importance of our Purchasing decisions and the impact they may have on both our local and wider environment and society.

We encourage our Supply Chain to implement a certified Quality, Environmental, and Health and Safety Management System. We also recognise the importance of Environmental Protection and we are committed to operating our business in compliance with all Environmental Regulations, Legislation and initiatives relating to the building industry and the wider Environment.

For many years now our organisation has been implementing and improving our Environmental and responsible sourcing activities. Taking responsibility for our environmental and social impacts begins at the design and development stage, this then extends to the promotion of sustainability throughout our supply chain.

The Parkside Group Limited view our suppliers as an integral part of business and strive for transparency and efficient collaboration within our supply chain partnerships, this ethos benefits our stakeholders and customers alike.

We pride ourselves in actively promoting all we do in an ethical and professional manner. Our Purchasing staff are trained in the important issues concerning modern slavery and how to prevent and eradicate it through their work.

70% recycled content and can be fully recycled infinitely at end of life

Where a supply partner falls below our expectations we would insist that they review their procedures and processes to ensure improvement. We work closely with our suppliers to identify poor performance areas and assist in the development of strategies for improvement. If significant non-conformances are identified, for which there is no resolution a supplier can be removed from our preferred supplier list.

Regular meetings take place with our supply partners where areas of concern can be discussed and agreed, along with any required new process that may need to be put into place to ensure continual improvement. We encourage all supply partners to conform to ISO9001, ISO14001 and ISO45001.

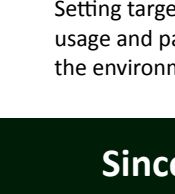
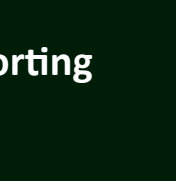
Our Supply Chain Management Strategy is the continued management and development of our preferred supplier list. We insist that all new and established supply partners periodically complete our comprehensive supply chain appraisal questionnaire. This information, as well as their supply and quality performance, their current legal compliance (plus any other areas which are subject to assessment) provides us internally with a valuable and measurable scoring mechanism, with only the best suppliers retained on our preferred supplier list.

All of the high quality aluminium that we supply is made with an average of 70% recycled content and can be fully recycled infinitely at end of life, without negatively affecting the quality and characteristics of the aluminium. On average the aluminium we supply contains as low as 2kg CO₂e/kg and is from Aluminium Steward Initiative (ASI) approved suppliers.

The endless recyclability of aluminium further contributes to decarbonisation and the circular economy. Because aluminium can be recycled over and over again, it is no surprise that 75% of all aluminium ever produced is still on the market today! Aluminium produced in countries using fossil fuels, as their main source of energy, will have a higher embodied carbon. Aluminium produced in most of Europe will have a much lower embodied carbon as it uses more renewable energy, hydro-electric power for example, resulting in a much lower carbon footprint. As we move closer to Net Zero Carbon, European levels have dropped by 55% since 1990, from 15kg CO₂e/kg aluminium to less than 7kg CO₂e/kg aluminium in 2018.

Today it is possible to extrude from primary aluminium that is guaranteed to have generated a maximum of 4kg CO₂e/kg aluminium. Comar purchases much of their aluminium extrusion from suppliers with 88-90% recycled content which would equate to just over 2kg CO₂e/kg of aluminium.

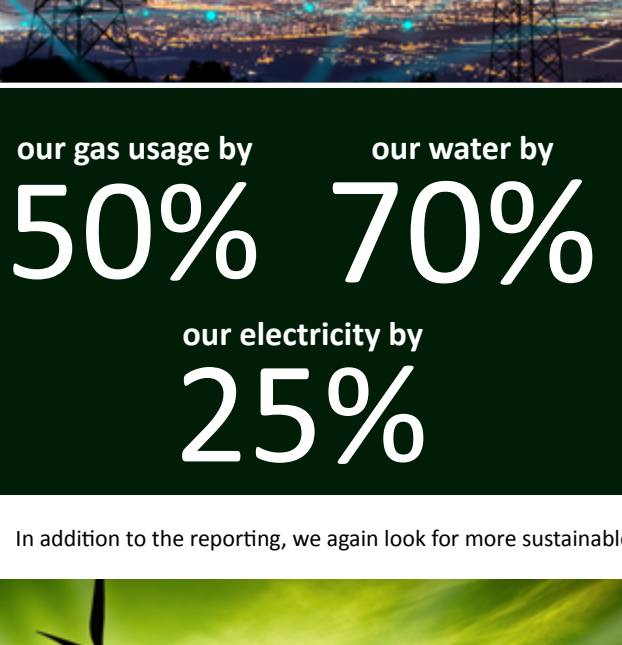
Comar are members of the Council for Aluminium in Building, (CAB) and are founder members of the Closed Loop Recycling Scheme.



Waste reduction targets & transparent reporting

Setting targets for waste and energy use reduction and ensuring accurate and transparent reporting on waste measures, energy usage and packaging used fosters accountability across our entire operation and demonstrates an ongoing commitment to the environment.

Since 2012 we have reduced



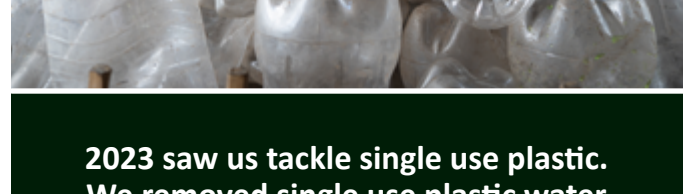
Since 2022 we have reduced



In addition to the reporting, we again look for more sustainable supply sources for our energy.

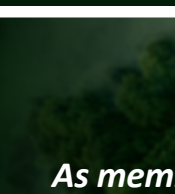


The electricity used at our offices and warehouse facilities comes from a **100%** renewable supply source.



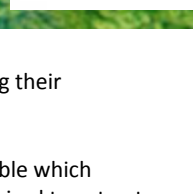
2023 saw us tackle single use plastic. We removed single use plastic bottles from use in our premises, providing all employees with a reusable water bottle, and cutting in excess of **1100** plastic bottles from our waste.

Printing of literature and product manuals has in the past been a significant contributor to our environmental impact through the use of energy and paper. Manuals are now not provided in printed form and we are investing heavily in improving our electronic information through our website and customer portal.



Recycling of aluminium

As members of the Council for Aluminium in Building, TPG were recycling members of the Closed Loop Recycling Scheme (View here) and are advocates of the scheme to our customers.



Understanding the lifecycle of our products from raw material extraction to end of life disposal is key to minimising their ecological footprint.

Aluminium provides a unique solution for today's construction needs. Aluminium is light, strong, durable and flexible which provides tremendous potential for achieving even the most demanding design brief. Two-thirds of the energy required to extract aluminium is supplied by environmentally friendly, hydroelectric power. Couple this with the cradle-to-cradle recyclability of aluminium, this presents aluminium as the ideal choice for facades and the construction industry.

Unlike some alternative building materials, aluminium offers an almost unlimited life expectancy. A notable example of this is the Statue of Eros in London's Piccadilly Circus, which has been cleaned and renovated, and the Empire State Building, the latter being the first building to use anodised aluminium. Aluminium does not age like other organic materials and needs no protection from ultra-violet light. Aluminium can be polyester powder coated or anodised to a variety of colours, which enhances the material's natural durability. Comar's preferred powder coater guarantee their finishes for 25 years and anodiser's for 35 years. However, with proper maintenance aluminium has an indefinite life expectancy.

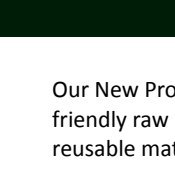
The recycling process now produces high quality aluminium, which is very cost effective and can be carried out on an indefinite number of occasions without impairing the quality in any way. It is a very durable material and has very low maintenance requirements, therefore reducing the whole life cost. It is long lasting and can withstand the ravages of the most extreme conditions. Aluminium is an excellent material to use in marine and coastal environments, as the effect of sodium chloride is minimal. Sustainability concerns are alleviated by the knowledge that we have at least 300 years of known reserves of the raw material, Bauxite, and this does not allow for the fact that 85% – 95% of all aluminium used is recycled at the end of its product life. Thus with an ever increasing proportion of re-cycled material in use, aluminium can be accurately described as the ultimate sustainable material.

The recyclability of aluminium – one of its unique properties with strength, durability and corrosion resistance – has led to its increased use in construction over recent years. Used aluminium is valuable and is easily and endlessly recycled without quality loss. The material is very rarely 'lost' entirely because of this.

Environmental Product Declaration (EPD)

We work with suppliers that have invested in Environmental Product Declarations, a third party accredited report that demonstrates the environmental performance or impact of any product or material over its lifetime, in this case the aluminium profile.

We have also collaborated and supported the Council for Aluminium in Building the CAB average Environmental Product Declaration (EPD) for aluminium casement windows.



Innovation in product & packaging

Our New Product Development & Procurement processes have a strong focus to design responsibly, using more environmentally friendly raw materials, explore innovative designs that use less materials, reduce packaging, or incorporate easily recyclable/reusable materials all whilst collaborating with suppliers to source eco-friendly packaging solutions.

Our commitment to sustainability & minimising our impact on the environment: With Sustainability issues at the top of the global 'green' agenda, the building industry is now under even more scrutiny and at TPG we take this extremely seriously.

It is TPG's objective to operate with, and to maintain, good relations with all regulatory bodies, and places Environmental Protection at the core of it's operations. TPG is accredited to the Environmental Standard ISO 14001:2015 and BES 6001 Responsible Sourcing of Products.

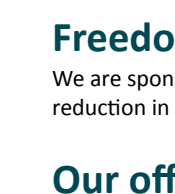
Here we are committed to working sustainably to minimise our impact on both our local and global environment. As part of this, we ensure that we continuously monitor the impact of our working practices. We source responsibly and have the environment at the forefront of our minds when considering the design of our systems and packaging solutions, to ensure that any environmental impact is minimised.

Within our operations, packaging is a significant contributing factor to our environmental impact, and we are working hard to reduce this. It is now mandatory that at least 30% of our plastic packaging is made from recycled content.

To support with this, we are actively encouraging our supply chain partners to assess the packaging used for the products you supply to TPG, and to look at ways that you can:

1. Reduce the amount of packaging used to transport our products
2. Ensure that the packaging you use contains a minimum of 30% of recycled content and look at ways this can be increased
3. Ensure that the packaging used can be fully and easily recycled at end of life
4. Consider moving to more environmentally friendly packaging solutions

By integrating these practices into our business operations, TPG can contribute significantly to a more sustainable and environmentally friendly future.



Further company wide initiatives

Moving from fuel to electric cars

As a further demonstration of how seriously we take the environment, we have invested in electric recharge points at our head office and are actively looking to move our fleet of company cars to full electric or hybrid vehicles.

Supply Chain Sustainability School

We are silver status of the Supply Chain Sustainability School - [View here](#)

Freedom Flight Prize

We are sponsors of the Freedom Flight Prize, an initiative to drive reduction in carbon in the aerospace industry - [View here](#)

Our offset carbon

On an annual basis we calculate our total energy use and submit the data as a CO₂ figure to allow us to offset our total carbon impact. In 2022 we offset 275tCO₂ and as a result of reductions in energy use, in 2023 we produced 10 tonnes less, offsetting 265tCO₂.



By integrating all of these practices into our business operations, TPG can contribute significantly to a more sustainable and environmentally friendly future.

TPG. Sustaining a lasting Legacy.

