



Carbon Smart Qmax

Achieving Net Zero Carbon

ACO Carbon Smart signifies that an ACO product has achieved carbon neutrality. This is accomplished through changes in the manufacturing process, advancements in product technology, or by offsetting residual impacts that are beyond our control.

ACO Qmax

ACO Qmax is the first product line in our range to earn the 'Carbon Smart' badge. This means that our Qmax drainage channel has been certified as Carbon Neutral. In other words, there are zero carbon emissions associated with its manufacture – a claim that encompasses both direct emissions (scope 1) and indirect emissions (scope 2), such as those from the use of renewable energy, green gas, and forklift trucks.

This certification confirms that all emissions directly linked to the manufacture of the product comply with the standards set out in BS EN 15804.

How is Qmax Carbon Neutral?

We are effectively minimising our environmental impact through two key strategies: procuring green energy and offsetting any residual emissions.



Green Energy

We exclusively use renewable energy sources and green gas in our production process. This eco-conscious approach not only supports the broader transition towards sustainable energy but also ensures that our manufacturing operations emit zero carbon within scope 1 and 2 emissions. By doing so, we contribute to mitigating the environmental impact of our industry.



Offsetting Credits

Not all carbon can be omitted during the production process. To tackle this, we offset direct operational and embedded carbon emissions in Qmax—from raw material extraction to manufacturing and transport—using accredited gold standard VCS offsetting credits that align with UN SDGs, supporting socio-economic and environmental projects like biogas, afforestation, clean water, and clean energy.



How has this been certified?

ACO have used a third-party consultant to analyse the cradle to gate impact of the ACO Qmax® range. This is compliant with BS EN 15804 Environmental Product Declaration standard. The analysis covers 97% of the mass which includes channel bodies, accessories, access, and rail systems.

Measuring project impact

For a comprehensive understanding of the carbon footprint associated with your project, please contact info@aco.com.tr



Find out more about
ACO's Carbon Smart initiative