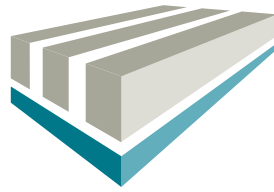


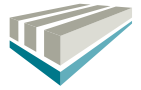
BANAGHER
PRECAST CONCRETE



Sustainable Material Sourcing Policy

2022

**PRECAST
CONCRETE
SPECIALISTS**



Sustainable Material Sourcing Policy

Banagher Precast Concrete complies with the Environmental standard ISO 14001, and has received certification of this by the National Standards Authority of Ireland (NSAI). All projects carried out comply with the provisions and standards of this certification.

The primary components used for the manufacture of prestressed bridge beams and precast concrete are aggregates, cement, water, steel and timber. We assess our suppliers and their products based on a number of criteria including but not limited to quality, certification, value, capacity, sustainability, modern slavery and their company policies. Banagher Precast Concrete has been in operation since 1949 and we have long-standing & highly collaborative relationships with our suppliers.

Our cement powder providers all comply with the EU Eco-Management and Audit Scheme (EMAS), are BRE Environmental and Sustainability Standard BES 6001 certified, BS EN ISO 14001 and ISO 9001 certified.

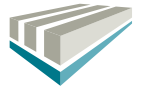
Our timber providers are FSC certified and PEFC certified and our reinforcing steel providers are UKAS CARES certified. The sand, gravel and stone aggregate materials used in our precast products are sourced from our own quarry which therefore complies with our standards ISO 14001 and ISO 9001.

Banagher Precast Concrete are also members of the Supply Chain Sustainability School, the Irish Concrete Federation and British Precast (Sustainability Charter).

Banagher Precast Concrete only source certified and sustainable materials for all products manufactured in its plant and where feasible constituents are locally sourced.

- Achieve a high standard of environmental performance through our Environmental Management System.
- Sand, gravel and stone aggregate materials used in our precast products are sourced from our own quarry in Co Offaly. This quarry therefore complies with the standard ISO 14001. Our quarry is also just 5 km from our manufacturing site reducing transport requirements. In our UK plant all raw materials are sourced locally.
- Irish Cement & Blue Circle Cement (UK), our cement powder and GGBS (Ground Granulated Blast-furnace Slag – recycled material) providers, comply with the BRE Environmental and Sustainability Standard BES 6001.

Our suppliers Irish Cement & Blue Circle UK, through their parent company CRH Plc, are also founding members of the Cement Sustainability Initiative (CSI) of the Global Cement and Concrete Association. CSI is a voluntary initiative by the leading cement producers globally to promote greater sustainability within the cement sector (<https://gccassociation.org/>). By using these suppliers Banagher Precast Concrete and our Clients can be assured that our cement providers are at the cutting edge of sustainability and are committed to producing carbon neutral concrete by 2050.



- Quinn Cement, cement provider, complies with the BRE Environmental and Sustainability Standard BES 6001, and is also BS EN ISO 14001 certified.
- Cranwood Industries & Brooksgroup, our two timber suppliers, are both FSC certified, and PEFC certified.
- Steel fabrication is carried out in our plant. The materials for these fabricated products are sourced from Duggan Steel Group, who is BS EN 1090 and EN ISO 9001 certified.
- Steel bending for reinforcement bar in our products is carried out in our plant. Coen Steel and James Street Steel, our steel reinforcing providers, are both UKAS CARES certified, while Coen Steel operates a quality management system that complies with the requirements of BS EN ISO 9001.
- TYCSA PSC (Celsa Group), our steel strand Provider, is certified According to ISO 9001 and ISO 14001
- The steel sourced via the brokerages listed herewith comes from Celsa Steel Mills (UK) who are BES 6001 and ISO 14001 approved, all their steel is made from 98% locally sourced recycled scrap metal.

Brendan Mahon
Managing Director

1st January 2022