ELITE
PRECAST CONCRETE

Road Map to achieving NET-Zero Carbon

Introduction

Elite Precast Concrete Ltd (EPCL) are continuing their commitment to the quest for a Net Zero Carbon impact of our manufacturing by the implementation of the following measures.

Renewable Power

In March 2021 EPCL signed a rolling 3 year supply agreement with EON to ensure that 100% of the electricity supplied is from renewable sources.

e·on

Cement CO2

In partnership with Irish Cement, EPCL have committed to reducing the carbon per tonne of cement equivalent by 15%. Under the WBC SD CSI CO2 protocol Irish cement achieved this reduction in 2012 (3 years ahead of schedule). This journey continues by the ramping up of the usage of permitted alternative fuels which will provide further CO2 improvements.

Irish Cement
A CRH COMPANY

British Precast Concrete Federation (BPCF) Sustainability Charter

ELPC are proud signatories to the BPCF Sustainability Charter. The annual auditing programme collects essential KPI date from members manufacturing over 14milion tonnes or precast products.

https://www.britishprecast.org/getattachment/Publications/
Sustainability-Matters-2020/Sustainability-Matters-2020-
(FINAL).pdf.aspx?lang=en-GB&ext=.pdf

**mpa
British Precast**

For more information on Elite quality concrete products
phone 01952 588 885 or browse www.eliteprecast.co.uk

Cradle to grave

EPCL balance the need use low carbon raw materials with continuing to achieve 50N/mm^2 concrete which has a design life of 100 years.

This ensures that the products have relatively long "serviceability" compared to other precast concrete manufacturers which in turn better recovers the "fixed carbon costs" associated with the manufacturing and logistics process.

Life Cycle Carbon Assessment by product

EPCL are one of the first precast concrete manufacturers to trial the One Click LCA software to assess the full life cycle carbon cost of the products to establish a true baseline against which the results of these carbon reduction measures can be judged.

Sustainable timber supplies

Elite ensure a sustainable source of timber pallets by insisting that 100% of the pallets used in the packaging of our palletised products are recycled pallets.