

CARBON FOOTPRINT

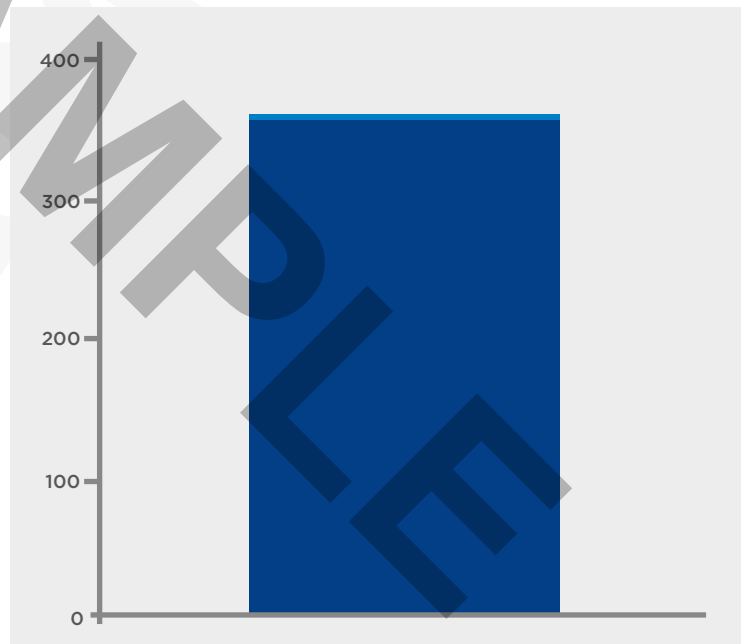


PRODUCT

COMPANY Tarmac
CONTACT David Rich
PROJECT / SITE Topflow BIM Object

QUOTATION NO. N/A
FOOTPRINT SCOPE CRADLE-TO-GATE
DATE 30.05.16

DELIVERY	0 kgCO ₂ e/m ³
MANUFACTURE	3.43 kgCO ₂ e/m ³
RAW MATERIALS	377.57 kgCO ₂ e/m ³



MATERIAL
TOPFLOW ARCHITECTURAL

SUPPLYING UNIT
Park Royal Concrete

PRODUCT CARBON FOOTPRINT
381 kgCO₂e/m³

TARMAC.COM

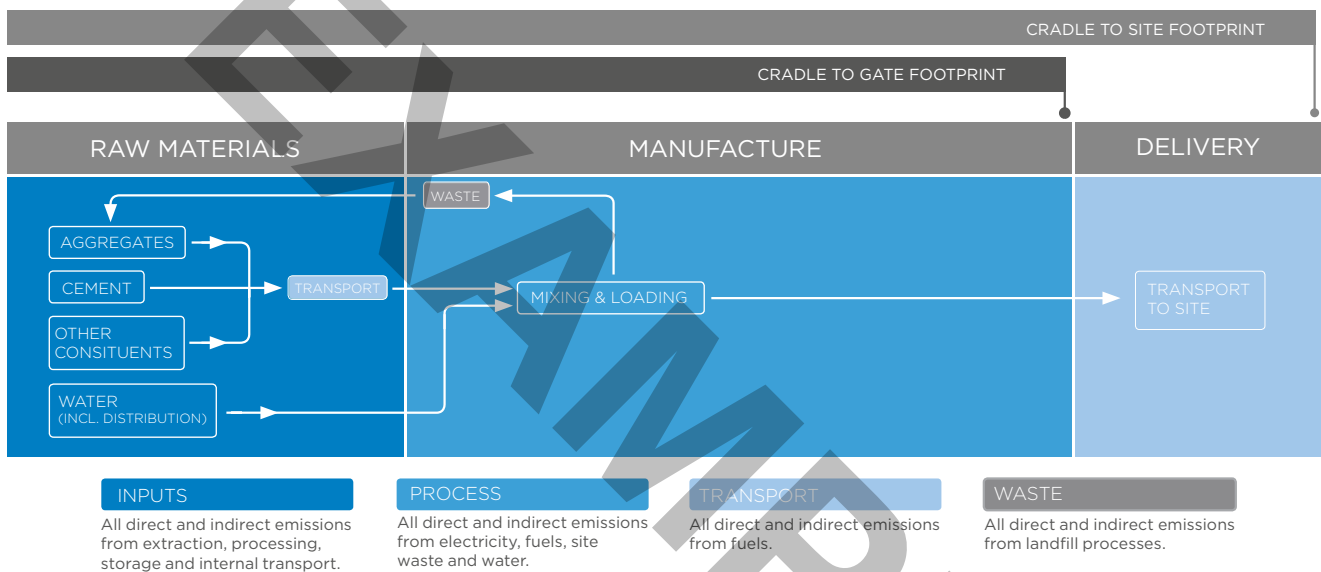
To contact the sustainability team
email sustainability@tarmac.com

CARBON FOOTPRINT

TECHNICAL DATA SHEET - CONCRETE



HOW YOUR PRODUCT CARBON FOOTPRINT IS CALCULATED



CALCULATION METHODOLOGY

The protocol used by the Tarmac Carbon Footprint Calculator tool is in accordance with BSI PAS 2050:2011 'Specification for the assessment of the life cycle greenhouse gas emissions of goods and services' methodology and the industry standard methodology for asphalt, the Asphalt Pavement Embodied Carbon Tool asPECT v3.0. Total greenhouse gas contributions are expressed as carbon dioxide equivalents (CO₂e).

The scope of the footprint is 'Cradle-to-Gate' for ex-works footprints and includes greenhouse gas emissions associated with the extraction and processing of raw constituent materials, their transport to the manufacturing plant and the manufacturing of the finished product.

DISCLAIMER

Whilst every effort has been made to adhere to the requirements of PAS 2050 in producing this calculation, Tarmac cannot guarantee conformance to the specification. The views of an independent auditor should be sought where this is required. The above information is provided as an estimate based on the plants, materials and quantities provided in the materials quotation. The source of supply quoted may be subject to change due to plant availability. Where this occurs it is likely to impact on the carbon footprint quoted. The carbon footprint information should only be compared with information prepared on a like-for-like basis. Comparisons made between different suppliers' carbon footprints will be very difficult due to difference in scope and boundaries.

For more information, please contact your Tarmac representative or the Tarmac Sustainability Department at sustainability@tarmac.com

For delivered materials, the scope of the footprint is 'Cradle-to-Site', which includes greenhouse gas emissions from the transport of the finished product to the site of installation.

The greenhouse gas emissions data used is from annual energy performance for individual Tarmac mineral extraction and manufacturing operations, and information provided by Tarmac's suppliers. Where supplier specific information is unavailable, relevant information is sourced from trade bodies or the Inventory of Carbon and Energy (ICE) database (Hammond & Jones, January 2011). All other greenhouse gas conversion factors are taken from the relevant year's 'UK Government conversion factors for Company Reporting'. All scopes are included.