

EPD

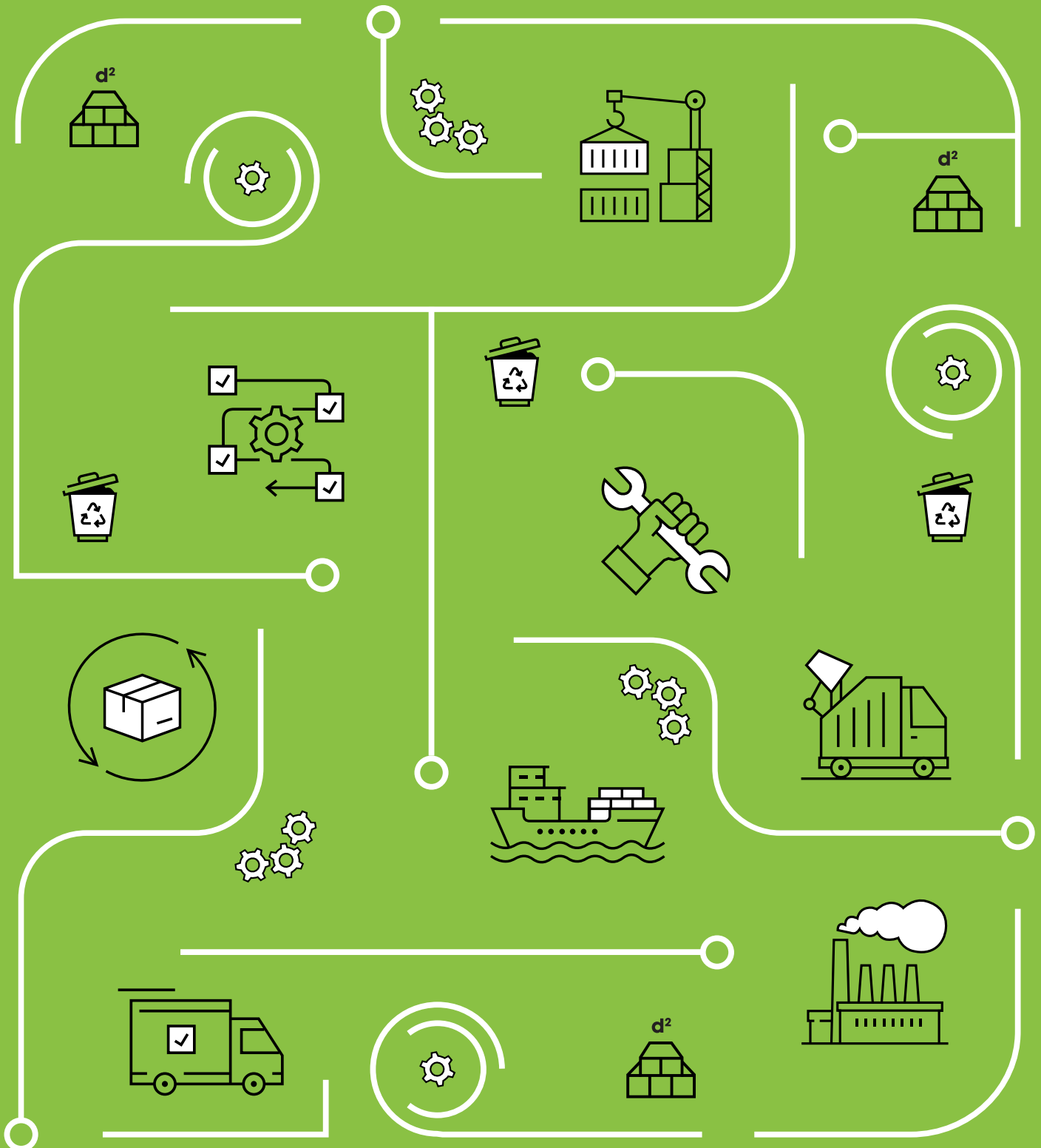
Environmental
Product Declaration

dura[®]
composites



d² Dura Pultruded Grating 50mm Flat Beam 25mm Gap

One
Click 



The Lowest Carbon Walkways In The World

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Environmental Product Declaration | Type: Self-Declared



This covers all variants of d² Dura Pultruded Grating 50mm Flat Beam 25mm Gap.

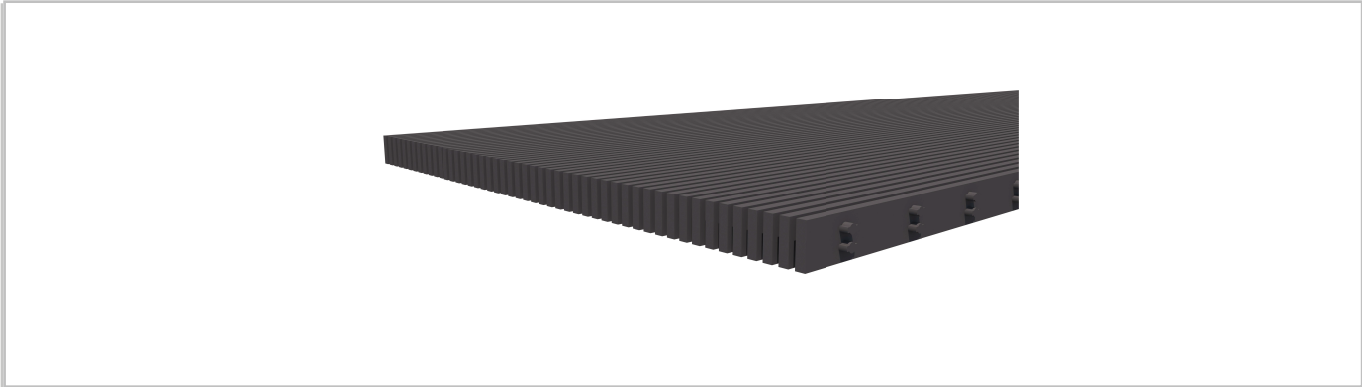
This is an ISO 14021 Type II EPD generated from a Life Cycle Assessment (LCA) performed using One Click LCA.

The results are a variant of a fully verified and published parent EPD and follow the Product Category Rules of EPD Hub Core PCR Version 1.2 (24 March 2025) and EN 15804+A2.

Global Warming Potential (GWP)

The GWP quantifies a product’s contribution towards global warming and is sometimes referred to as its carbon footprint or embodied carbon.

Declared Unit		Mass of Declared Unit		GWP Total A1-A3		GWP Fossil A1-A3	
1	m²	44.0	kg	174.0	kg CO2e	171.0	kg CO2e



Product Information

Product Name	d² Dura Pultruded Grating 50mm Flat Beam 25mm Gap
Product Description	Dura Composites’ pultruded GRP grating is an alternative to our moulded grating panel and has various structural shapes, ideal for areas with regular impact that require an extended drainage solution and wide span. The pultrusion process ensures a consistent, high-quality product, featuring pultruded load bars connected by tie bars. All the variants utilise distinct bearing bar shapes and sizes, offering excellent bi-directional strength and stiffness. The selection depends on project-specific requirements, including load-bearing needs and overall aesthetics. This EPD covers d² Dura Pultruded Grating 50mm Flat Beam 25mm Gap which has a 25mm open hole size and standard dimensions of 3660x1220mm, although other bespoke sizes may be possible. These gritted panels are available in Green, Yellow, and Dark Grey - this EPD covers all size and colour variants for the panel. The mass used for these panels is 44kg/m².
Manufacturer	Dura Composites Ltd
Address	Dura House, Telford Road, Clacton-On-Sea, Essex, UK, CO15 4LP
About The Manufacturer	Dura Composites designs low-carbon GRP and aluminium walkway systems through its award-winning d² range. Serving industrial, rail, marine and architectural sectors, our products combine structural integrity with verified sustainability. Backed by three King’s Awards for Enterprise, EPDs, fire compliance and Scope 3 data, Dura is globally recognised for innovation and trusted delivery.
Parent EPD Number	HUB-1150
Place of Production	China, UK
Period for Data	2022

Lowest Carbon Walkways In The World

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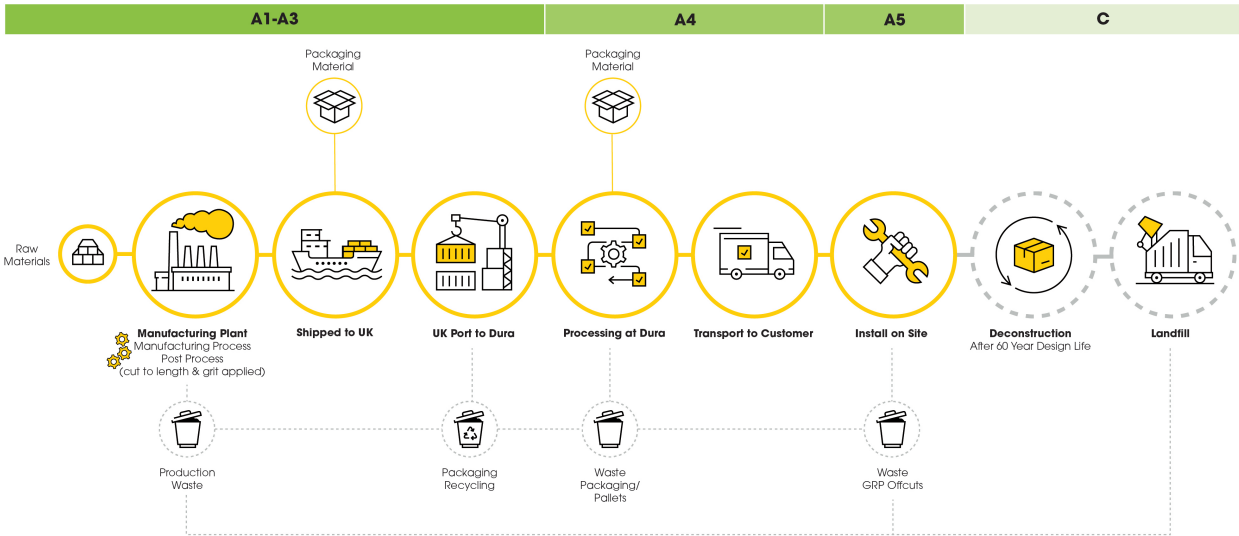
System Boundary

The LCA for this product has been performed for the following system boundary, the results for A1-A3 are provided in this EPD.

PRODUCT STAGE			CONSTRUCTION		USE STAGE							END OF LIFE STAGE				BEYOND THE SYSTEM BOUNDARY
A1	A2	A3	A4	A5	B1	B2	B3	B4	B5	B6	B7	C1	C2	C3	C4	D
X	X	X	X	MND	Modules Not Declared							X	X	X	X	X
Raw Materials	Transport To Site	Manufacturing	Transport	Construction	Use	Maintenance	Repair	Replacement	Refurbishment	Operational Energy	Operational Water	Deconstruction	Transport	Waste Processing	Disposal	Reuse, Recovery & Recycling

Scope of Assessment

The results have a cradle-to-gate scope, comprising raw materials extraction and supply (A1), transport (A2) and manufacturing (A3). The yellow highlights indicate the stages Dura Composites is involved in throughout the journey of the product.



Parent EPDs

The parent EPD used to generate this product variant has been third-party verified through EPD Hub. To access our independently verified EPDs, scan the QR code or visit www.duracomposites.com/epd-reports.

