

Environmental Product Declaration

The image features a solid green background decorated with white line-art icons and stylized white paths. The icons represent different stages and concepts of a supply chain or manufacturing process:

- Gears:** Multiple sets of three interlocking gears are scattered throughout, symbolizing machinery, production, or interconnected systems.
- Recycling Symbols:** Four trash can icons with a universal recycling symbol (three chasing arrows) are placed at various points, indicating environmental focus or waste management.
- Hand and Wrench:** A central icon shows a hand holding a large open-end wrench, representing maintenance, construction, or manual labor.
- Factory:** An icon of a factory with multiple smokestacks emitting clouds of smoke is located in the lower right quadrant.
- Ship:** A cargo ship loaded with stacked boxes is shown sailing on wavy lines representing water.
- Truck:** A delivery truck with a checkmark on its side panel is positioned in the bottom left.
- Warehouse/Storage:** Two icons show stacks of boxes or pallets, one in the top left and another in the bottom center.
- Circular Arrow:** One icon depicts a box centered within a circular arrow pointing clockwise, signifying a cycle or return process.

The text "d²" appears next to four of the warehouse/storage icons, possibly denoting a specific metric or unit. White paths, consisting of straight lines and curves ending in small circles, weave through the composition, connecting the various icons and creating a sense of flow and integration across the entire scene.

The Lowest Carbon Walkways In The World

d² Dura Grating 55mm Mini Mesh

Environmental Product Declaration | Type: Self-Declared



This covers all variants of d² Dura Grating 55mm Mini Mesh.

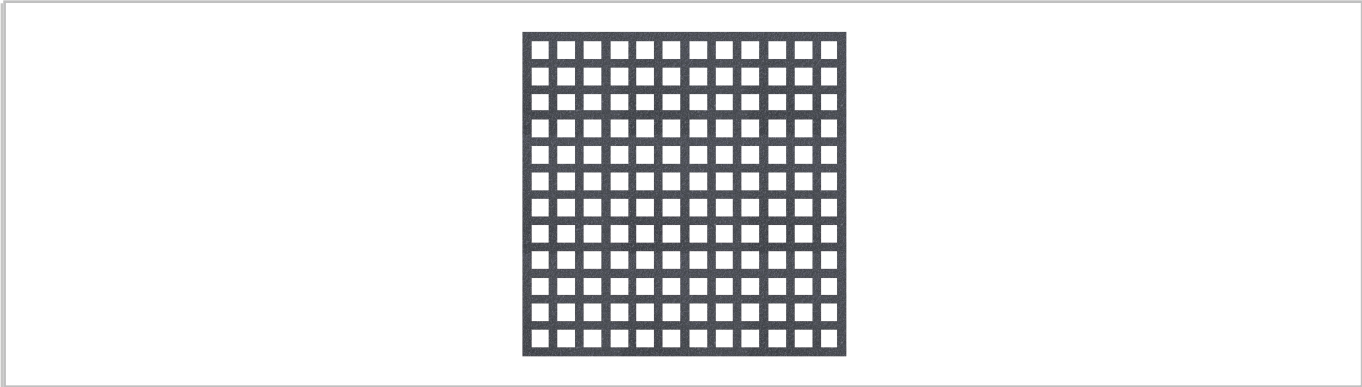
This is an ISO 14021 Type II EPD generated from a Life Cycle Assessment (LCA) performed using One Click LCA.

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	19.0	kg	66.9	kg CO2e	66.7	kg CO2e



Product Information

Product Name	d² Dura Grating 55mm Mini Mesh
Product Description	d² Dura Grating Micro Mesh is a high-performance collection of Glass Reinforced Polymer (GRP) moulded grating panels, offering versatility for a wide range of applications. Compared to traditional GRP grating, d² Dura Grating is up to 33% lighter, reducing material consumption and lowering CO₂ impact. Its lightweight nature facilitates easier handling and faster installation, enhancing cost efficiency. Engineered for exceptional structural performance, it provides high load-bearing capacity with optimised material usage, ensuring long-term durability and safety. This EPD covers d² Dura Grating Mini Mesh 55mm which is available in sizes 3030x1041mm and 3667x1200mm. These panels are available in Dark Grey, Light Grey, Yellow, Green, Sand, and Teak - this EPD covers all size and colour variants for the Mini Mesh 55mm panels. The mass used for these panels is 19kg/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-3303
Place of Production	China, UK
Period for Data	2024

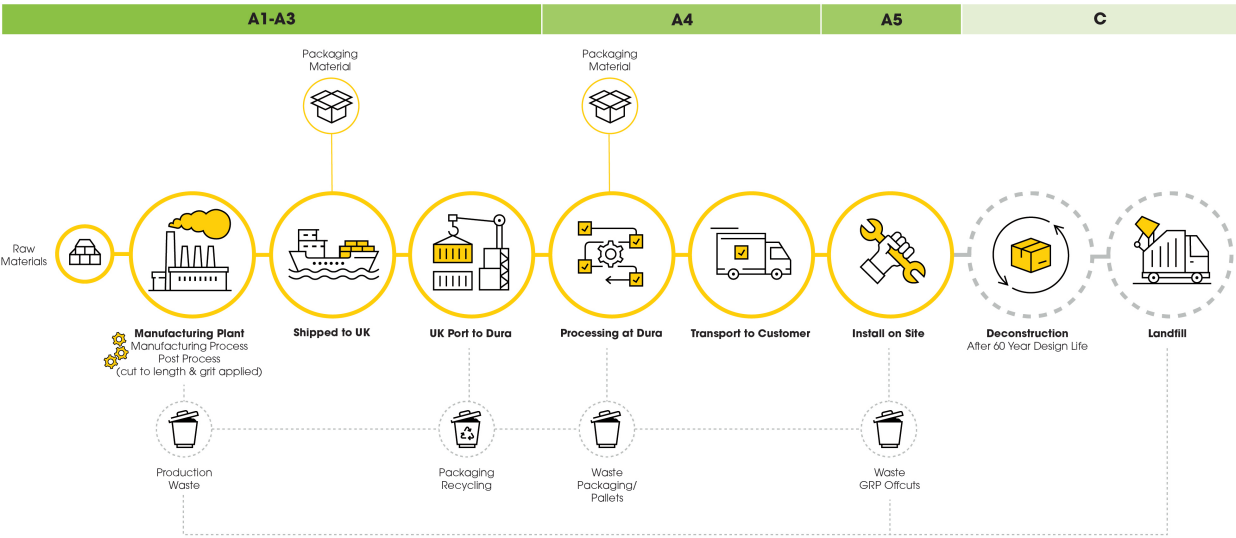
System Boundary

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.

