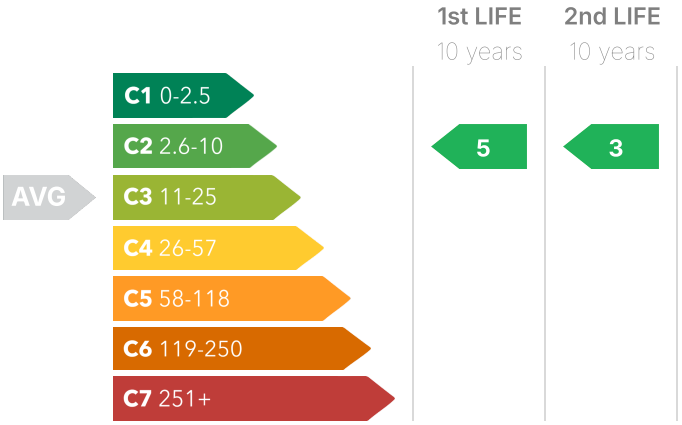
CIRCULAR DESIGN CERTIFICATE

PRODUCT PROFILE

dc Certificate	102282
Verification Date	23.06.2026
Manufacturer	HOWE
Product name	40/4 Side Chair (Upholstered)
Product No	DUARAB1
Drawing No	
Production	EU
Weight	6.50 Kg



CARBON EFFICIENCY



Carbon footprint	14.28 kg CO_2e
Life	10 years
Footprint	0.26 m^2
kg CO_2e/Life/m^2	5.49 kg CO_2e
Category	Seating - Soft

CARBON FOOTPRINT



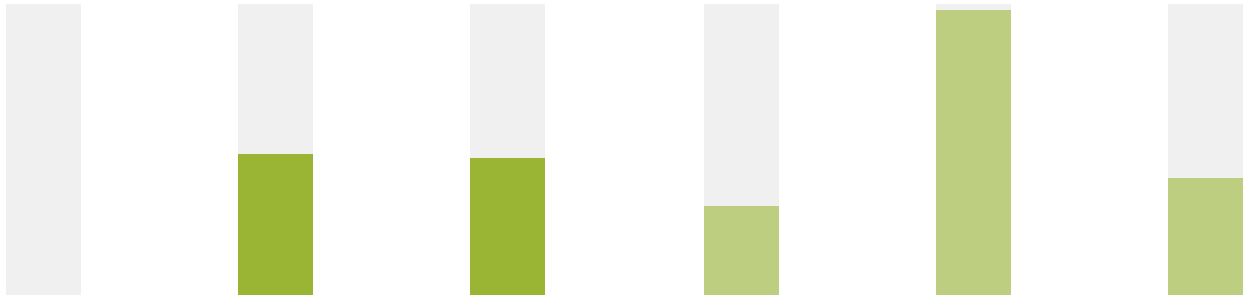
Materials	Sourcing	Production	Distribution	End of Life	Total
11.54kg	0.66kg	1.24kg	0.70kg	0.14kg	**14.28kg**
80.83%	4.64%	8.65%	4.92%	0.96%	

DECLARATION

This certificate represents a third-party assessment conducted in accordance with the Product Carbon Footprint assessment methodology, aligned with the Greenhouse Gas (GHG) Protocol Product Life Cycle Accounting and Reporting and ISO 14067 standards. The assessment is based upon independently published third party data, Environmental Product Declarations and manufacturers data and is valid for three years from validation. This certificate is marketed as a Circular Design Certificate and should be used to report the application of circular design application as set out in the dc Circular Design Guide. For further details and guidance on this certificate, please visit www.designconformity.com

CIRCULAR DESIGN CERTIFICATE

DESIGN CIRCULARITY - PRODUCT COMPONENTS



REUSED	DECONSTRUCTABLE	REUSABLE	RECYCLED CONTENT	RECYCLABLE CONTENT	RENEWABLE CONTENT
0%	47.71%	46.89%	29.53%	98.03%	40.29%

ENVIRONMENTAL IMPACT - MATERIALS

PRODUCT MATERIAL	WEIGHT (kg)	% OF CO_2e	% OF WATER	RECYCLED CONTENT (%)	END OF LIFE ROUTE
Powder Coated Steel	3.05	66.26	28.36	56	Reuse
Plywood	3.08	19.29	67.16	0	Recycle
Camira Oceanic (EPD)	0.19	7.09	1.49	100	Recycle
PU Foam	0.13	5.97	2.99	0	Landfill
Steel	0.04	0.78	0.00	56	Recycle
Polycarbonate	0.01	0.52	0.00	0	Recycle
Zinc	0.00	0.09	0.00	0	Recycle
	-				
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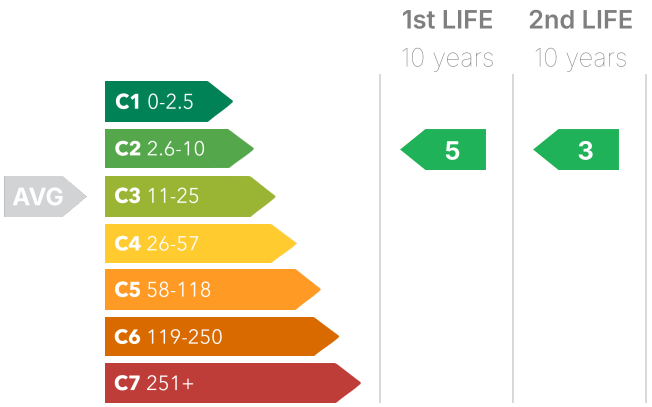
PACKAGING MATERIAL	WEIGHT (kg)	% OF CO_2e	% OF WATER	RECYCLED CONTENT (%)	END OF LIFE ROUTE
	-				
	-				
	-				

102282

HOWE

40/4 SIDE CHAIR (UPHOLSTERED)

CARBON EFFICIENCY RATING



Carbon Footprint Per functional Unit

14.28 kg CO_2e

RECYCLED CONTENT	DECONSTRUCTABLE	REUSABLE
30%	48%	47%