

ROCK LOUNGE LOW BACK ARMCHAIR

ECO AUDIT

5 YEARS
Life
warranty

24KG CO_{2e}
carbon
(per year)



Materials

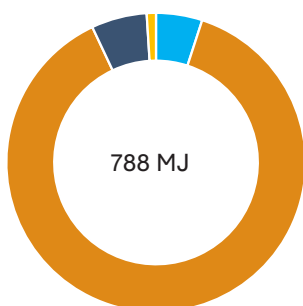
Component	Material	Weight	Carbon (kg CO ₂)	End of life plan
1	Birch	11.15kg	4	Downcycle
2	Plywood	2.384kg	1.60	Downcycle
3	PVC Vinyl	0.713kg	1.68	Recycle
4	PU Foam	1.856kg	8.49	Downcycle
5	HPL	0.04kg	1.2	Downcycle

Summary

Phase	Total
Product (kg CO ₂)	24kg CO _{2e}
Total energy (MJ)	788 MJ
Recycled content (%)	0%
Recyclability (%)	0%
Total packaging (kg)	n/a
Life warranty	5 years
FSC	Yes

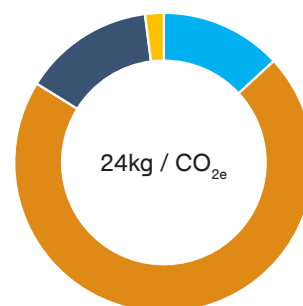
Energy footprint [%]

Transport	●	5
Materials	●	88
Manufacturer	●	6
Disposal	●	1
Total		788 MJ



Carbon footprint [%]

Transport	●	13
Materials	●	70
Manufacturer	●	14
Disposal	●	2
Total		24kg / CO _{2e}



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Chemical compliance

Name	Yes/ No
REACH	✓
RoHs	✓
Free from PVC, heavy metals, phthalates	✓
Free from Persistent Organic Pollutants (POPs)	✓

Afterlife plan

Disassembly instructions: Remove feet inserts and place materials in separate bins.

Replace plan: Replace fabric if stained or torn

Repair plan: Fabric, foam and feet inserts can be replaced

Environmental statement

Our commitment to sustainability is demonstrated in our **ISO 14001:2015** award, our **FSC® Chain of Custody certificate INT-COC-001353** and licence code **FSC-C015370**. In addition, we are certified under PEFC Chain of Custody licence code **PEFC/16-37-982**.

The environment is everyone's responsibility and we do our part by endeavouring that all of our timber originates from responsibly managed forests. As supporters of the tradition of good forest management, we purchase only suitably certified timber wherever possible.

Products in our Ryno® range are made from 99% low-density polyethylene which is completely recyclable. When the products reach the end of their useful life, they can be ground down into small granules and used to create new pieces of furniture.

Environmental product analysis

Data collected has been analyzed and calculated by the Materials & Sustainability team.

Certification

Description	Accreditation
Quality Assurance	ISO 9001 (UKAS accredited)
Environmental Management	ISO 14001 (UKAS accredited)
Sustainability	FISP
Chain of Custody	FSC® and PEFC

