

APPA LOUNGE LOW BACK CHAIR WITH ARMS

7 YEARS
Life warranty

33KG CO_{2e}
carbon (per year)

ECO AUDIT



Materials

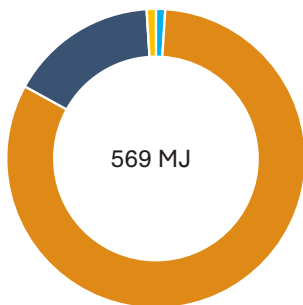
| Component | Material | Weight | Carbon (kg CO ₂) | End of life plan |
|-----------|-----------|--------|------------------------------|------------------|
| 1 | PC Steel | 7kg | 18 | Recycle |
| 2 | PVC vinyl | 0.5kg | 1.2 | Recycle |
| 3 | PU foam | 0.5kg | 1.4 | Downcycle |
| 4 | Plywood | 1.7kg | 1 | Downcycle |
| 5 | PVC vinyl | 0.6kg | 1.4 | Recycle |
| 6 | PU foam | 0.2kg | 0.9 | Downcycle |
| 7 | Plywood | 1.6kg | 0.9 | Downcycle |

Summary

| Phase | Total |
|-------------------------------|-----------------------|
| Product (kg CO ₂) | 33kg CO _{2e} |
| Total energy (MJ) | 569 MJ |
| Recycled content (%) | 0% |
| Recyclability (%) | 58% |
| Total packaging (kg) | n/a |
| Life warranty | 7 years |
| FSC | Yes |

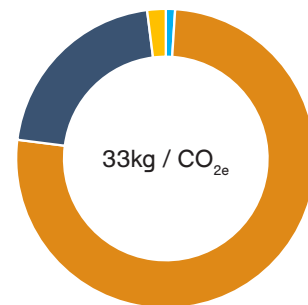
Energy footprint [%]

| | | |
|--------------|---|---------------|
| Transport | ● | 1 |
| Materials | ● | 82 |
| Manufacturer | ● | 16 |
| Disposal | ● | 1 |
| Total | | 569 MJ |



Carbon footprint [%]

| | | |
|--------------|---|-------------------------------|
| Transport | ● | 1 |
| Materials | ● | 76 |
| Manufacturer | ● | 21 |
| Disposal | ● | 2 |
| Total | | 33kg / 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: Safely and under guidance use a utility knife or staple remover to detach the upholstery from the frame, separate the foam and remove the plastic feet for recycling.

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 |

