

## Environmental & Specification Data



### MAN/2/OAK

#### Product Description

Featuring a two-seater sofa with matching armchair, the Manta chair collection is designed to offer a compact and informal seating solution ideal for foyers and welcome areas.

#### VOC Emission Tests

This product is tested and is compliant with:

**Seating Clean Air Gold**  
ANSI/BIFMA e3-2019e, Sections 7.6.1, 7.6.2, 7.6.3.



#### Technical Certifications

This product is currently under test and will be updated when the results become available.

#### Fire Requirements

Polyurethane foam meets BS 5852: Part 2  
We recommend the use of wool or BS EN 1021-Crib 5 synthetic fabrics

#### Product Assets

We have a range of assets available for this and other products that you can find via this link: [Resource Library](#)

#### Company Certifications & Accreditations

Boss Design have achieved the following standards and accreditations:

- ISO 9001
- ISO 14001
- ISO 45001
- FIRA Membership
- FISP Full Membership
- ICO Data Protection Registration
- Returnable Packaging: CFC & HCFC Free
- Ecovadis Sustainability Rating - Silver Medal
- Commercial Interiors Membership - 118/1298/C

#### Product Specification

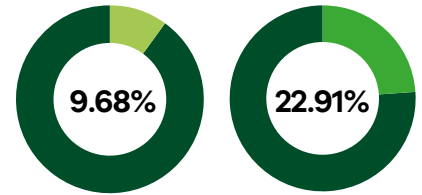
- CMHR moulded seat and back foam
- Oak leg with clear lacquer
- Twin needle & top stitch detail
- Sprung seat
- No restrictions on fabrics, leathers and vinyls

#### Product Dimensions

- **Height**  
760 mm  
30" inches
- **Width**  
1630 mm  
64.25" inches
- **Depth**  
760 mm  
30" inches
- **Seat Height**  
435 mm  
17.25" inches

#### Recycled Content Recyclable Content

Disclaimer: This data is based on **MAN/2/OAK**  
Numbers may vary based on the exact options selected.



#### Material Data & Environmental Breakdown

| Materials     | Weight (g)     | Weight (%)  | Material Recycled Content (%) | Material Recyclability (%) | Provenance |
|---------------|----------------|-------------|-------------------------------|----------------------------|------------|
| PU            | 23260          | 63.67       | 0%                            | 0%                         | UK         |
| PU            | 4680           | 12.81       | 0%                            | 0%                         | UK         |
| PU            | 130            | 0.36        | 0%                            | 0%                         | UK         |
| Steel         | 6920           | 18.94       | 50%                           | 100%                       | UK         |
| Ply           | 1110           | 3.04        | 0%                            | 100%                       | UK         |
| Ply           | 100            | 0.27        | 0%                            | 100%                       | UK         |
| Steel         | 1120           | 0.22        | 50%                           | 100%                       | UK         |
| Steel         | 140            | 0.19        | 50%                           | 100%                       | UK         |
| Oak           | 180            | 0.25        | 0%                            | 100%                       | Germany    |
| Oak           | 180            | 0.25        | 0%                            | 0%                         | Germany    |
| <b>Totals</b> | <b>37.82kg</b> | <b>100%</b> | <b>9.68%</b>                  | <b>22.91%</b>              |            |

#### CO<sub>2</sub> Measure

**N.B.** Carbon Footprint calculations made cover the cradle-to-gate phases of a typical product lifecycle assessment. The calculations are based on Boss operational data and average emission factors validated by third-party open data sources.

**54.33** kg CO<sub>2</sub>e

|                      |                            |
|----------------------|----------------------------|
| Material Acquisition | 52.37 kg CO <sub>2</sub> e |
| Material Processing  | 0.36 kg CO <sub>2</sub> e  |
| Assembly             | 0.35 kg CO <sub>2</sub> e  |
| Packaging            | 1.26 kg CO <sub>2</sub> e  |

**Per Item**