

Environmental & Specification Data



SIA/1

Product Description

Sia carries the torch, softening the workplace by introducing an array of naturally inspired colour options. With a light carbon footprint to sit harmoniously in any environment. Sia's environmentally friendly credentials are matched by her soft, flowing aesthetic. Every profile has been considered to shape a lighter look and feel – a work chair that brings an enticing, calming element to the workplace.

Warranty: 5 years  
Constructed in the UK.  
Majority manufactured in Italy.

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

Declare.

Fire Requirements

Polyurethane foam meets BS 5852: Part 2  
Polyester Mesh meets BS EN 1021-1 & 2 and CAL TB 117-2013  
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 14001
- ISO 9001
- ISO 45001
- FIRA Membership
- FISP Full Membership
- Returnable Packaging: CFC & HCFC Free
- FSC® Certified Chain of Custody - Licence Code FSC® - C021884

Product Specification

- Recycled Mesh Back
- Black lumbar and frame
- 100mm lumbar height adjustment
- 55mm seat depth adjustment
- 120mm seat height adjustment
- Intuitive weight-balance mechanism with additional tension adjustment
- Back lock to 3 positions
- Black Nylon five-star base & castors

Product Dimensions

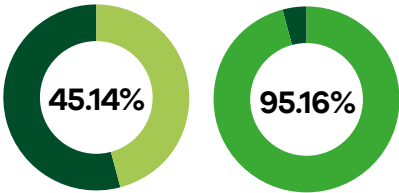
- Height  
1010-1120mm  
39.5" - 44" inches
- Width  
705mm  
27.75 inches
- Back Width  
455 mm  
18" inches
- Seat Height  
400-510 mm  
15.5" - 20 inches
- Seat Width  
490 mm  
19.25" inches
- Seat Depth  
415 - 470 mm  
16" - 18.5" inches

Material Data & Environmental Breakdown

Recycled Content  
Recyclable Content

Disclaimer: This data is based on  
SIA/1 (WITH ARM) BIOPUR

Numbers may vary based on the  
exact options selected.



Materials	Weight (kg)	Weight (%)	Recycled Content (%)	Recyclability (%)	Provenance
Polyester	0.45	3.09	100%	100%	Camira - UK
Polyester/Seaquall	0.34	2.33	20%	100%	Denmark
Steel	0.21	1.44	30%	0%	UK
PA6 GF30	0.23	1.56	60%	100%	UK
PP	0.11	0.76	90%	100%	UK
Carbon Steel	2.89	19.99	30%	100%	Italy
Nylon	3.09	21.38	30%	100%	Italy
High Carbon Steel	0.34	2.34	30%	100%	Italy
Low Alloy Steel	0.01	0.06	30%	100%	Italy
PA6 GF10	0.09	0.59	60%	100%	Italy
PA6 GF30	3.77	26.08	60%	100%	Italy
PE	0.00	0.02	0%	0%	Italy
POM	0.19	1.29	30%	0%	Italy
POM GF20	0.06	0.38	30%	100%	Italy
PP	0.60	4.15	90%	100%	Italy
PP with TPE (4%)	0.65	4.49	90%	100%	Italy
PU	0.00	0.01	20%	100%	Italy
Steel	0.03	0.21	30%	100%	Italy
TPU	0.11	0.76	0%	100%	Italy
PU	0.19	1.31	0%	100%	UK
PP with TPE (40%)	0.05	0.35	0%	100%	UK
Steel	0.99	6.86	30%	100%	UK
Polyacetal	0.08	0.56	0%	100%	UK
Totals	14.45kg	100%	45.14%	95.16%	

CO<sub>2</sub> Measure

N.B. 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.

57.11 kg CO<sub>2</sub>e

Materials.....49.05 kg CO<sub>2</sub>e  
Processing..... 4.43 kg CO<sub>2</sub>e  
Assembly..... 2.37 kg CO<sub>2</sub>e  
Packaging..... 1.26 kg CO<sub>2</sub>e  
Per Item