

Environmental & Specification Data



SIA/2

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 transforming task areas into destination spaces.

VOC Emission Tests

This product is currently under test to ANSI/BIFMA e3-2019e, Sections 7.6.1, 7.6.2, 7.6.3 and will be updated in due course.

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
 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® Chain of Custody Certification - Boss Design FSC® - C021884



The mark of responsible forestry

CO² 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.

58.02 kg CO₂e

Materials	54.35 kg CO ₂ e
Packaging	1.00 kg CO ₂ e
Energy	0.58 kg CO ₂ e
Transportation	2.09 kg CO ₂ e
Per Item	

Product Specification

- Recycled Mesh Back
- Non-arm
- 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 4 positions
- Black Nylon five-star base & castors

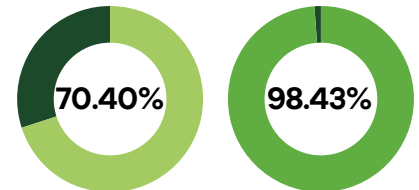
Product Dimensions

- **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

Recycled Content Recyclable Content

Disclaimer: This data is based on SIA/2 (NON ARM)

Numbers may vary based on the exact options selected.



Material Data & Environmental Breakdown

Materials	Weight (g)	Weight (%)	Recycled Content (%)	Recyclability (%)	Provenance
PA6 GF30	1329	11.46	80%	100%	Italy
PA6 GF30	586	5.05	80%	100%	Italy
PP with TPE (40%)	50	0.43	0%	0%	UK
PP	564	4.87	100%	100%	Italy
PA6 GF30	120	0.52	80%	100%	Italy
PA6 GF30	1506	12.98	100%	100%	Italy
Steel	20	0.17	50%	100%	Italy
PP with TPE (4%)	649	5.59	95%	100%	Italy
PU	758	6.53	0%	100%	UK
Steel	980	8.45	100%	100%	UK
Polycetal	70	0.60	0%	100%	UK
Grease	11	0.09	0%	0%	UK
Ester	11	0.09	0%	0%	UK
Steel	158	0.27	100%	100%	UK
PA6 GF30	225	0.39	100%	100%	UK
PP	110	0.19	100%	100%	UK
Steel	50	0.09	100%	100%	UK
PET	97.875	2.25	100%	100%	CAMIRA - UK
PET	186	1.60	100%	100%	CAMIRA - UK
PA6 GF30	829	7.15	80%	100%	Italy
82B	338	2.91	0%	100%	Italy
70#	9	0.08	0%	100%	Italy
70#	1	0.01	0%	100%	Italy
PA6 GF30	52	0.45	10%	100%	Italy
PA6 GF30	76	0.66	10%	100%	Italy
PA6 GF30	82	0.71	10%	100%	Italy
PP	22	0.19	10%	100%	Italy
PP GF20	896	7.72	80%	100%	Italy
POM GF20	55	0.47	0%	100%	Italy
Q235	149	1.28	50%	100%	Italy
Q235	75	0.65	50%	100%	Italy
Q235	7	0.06	50%	100%	Italy
Q235	85	0.73	50%	100%	Italy
Q235	152	1.31	50%	100%	Italy
Q235	149	1.28	50%	100%	Italy
Q235	1089	9.39	50%	100%	Italy
Q235	82	0.71	50%	100%	Italy
65Mn	3	0.03	50%	100%	Italy
PU	2	0.02	20%	100%	Italy
POM	2.4	0.02	20%	100%	Italy
POM	4	0.01	20%	100%	Italy
POM	8	0.07	20%	100%	Italy
PA6 GF10	7	0.06	20%	100%	Italy
POM	31	0.27	20%	100%	Italy
POM	22	0.19	20%	100%	Italy
POM	60	0.13	20%	100%	Italy
POM	3	0.03	20%	100%	Italy
POM	47	0.41	20%	100%	Italy
PA6 GF10	31	0.27	20%	100%	Italy
POM	23	0.20	20%	100%	Italy
PA6 GF10	47	0.41	20%	100%	Italy
65Mn	5	0.04	50%	100%	Italy
Q235	22	0.19	50%	100%	Italy
Q235	3.5	0.03	50%	100%	Italy
Q235	1	0.01	50%	100%	Italy
Q235	2	0.02	50%	100%	Italy
Q235	10	0.09	50%	100%	Italy
Q235	11	0.09	50%	100%	Italy
Q235	12	0.05	50%	100%	Italy
Totals	12104kg	100%	70.40%	98.43%	

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CO² Measure

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70.08 kg CO₂e

Materials	67.77 kg CO ₂ e
Packaging	1.00 kg CO ₂ e
Energy	0.70 kg CO ₂ e
Transportation	0.61 kg CO ₂ e
Per Item	

Product Specification

- Recycled Mesh Back
- Black Arms
- Black lumbar and frame
- 100mm lumbar height adjustment
- 55mm seat depth adjustment
- 120mm seat height adjustment
- Intuitive weight-balance mechanism with additional tension adjustment
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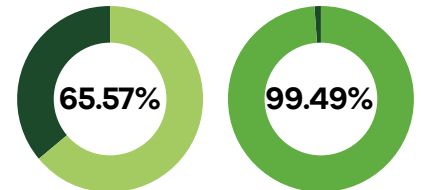
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Ester	11	0.09	0%	0%	UK
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Steel	50	0.09	100%	100%	UK
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PET	186	1.60	100%	100%	CAMIRA - UK
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70#	9	0.08	0%	100%	Italy
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Q235	1	0.01	50%	100%	Italy
Q235	2	0.02	50%	100%	Italy
Q235	10	0.09	50%	100%	Italy
Q235	11	0.09	50%	100%	Italy
Q235	12	0.05	50%	100%	Italy
Steel	1030	7.33	100%	100%	Italy
PA	700	4.98	0%	100%	Italy
PA	730	5.19	0%	100%	Italy
Totals	14.45kg	100%	65.57%	99.49%	