

Otto & Otto Foam Free

Designed with a nod to the functionalism of the Bauhaus, Otto balances clarity of form with an inviting character. A collection of armchairs, sofas and modular elements, it offers the flexibility to create refined seating schemes across a range of scales.

Soft upholstery is held within a slender steel frame, giving Otto its characteristic lightness. A spatially considerate design allows it to sit easily within tighter footprints, maintaining a presence and comfort that defies its minimalist spirit.

Made by hand in Britain, from the ground up, Otto uses a carbon-negative agricultural fibreboard structure combined with webbing and a choice of upholstery materials. Standard Otto uses engineered foam for consistency, durability and ease of specification, while Otto Foam Free replaces foam with layered natural materials including coconut fibre, wool and horsehair, offering an alternative material character. The steel frame is available in 24 colours.



sixteen3



FOAM FREE

As part of our ongoing exploration of conscious materials, Otto is now available with Foam Free fillings. A combination of coir and horsehair with natural latex and wool creates a distinct feel and construction, while retaining the range's design clarity.

For Foam Free add the suffix **-FF** to the product codes.

	Armchair	Two Seat	Three Seat	Ottoman
Product Code	OTT-01	OTT-02	OTT-03	OTT-08
Dimensions	H760 x W900 x D850 x SH430mm	H760 x W1500 x D850 x SH430mm	H760 x W2100 x D850 x SH430mm	W850 x D850 x H430mm
	Single Seat with No Arms	Two Seat with No Arms	Three Seat with No Arms	Corner
Product Code	OTT-05	OTT-06	OTT-07	OTT-04
Dimensions	H760 x W600 x D850 x SH430mm	H760 x W1200 x D850 x SH430mm	H760 x W1800 x D850 x SH430mm	H760 x W850 x D850 x SH430mm
	Single Seat with 1 Arm	Two Seat with 1 Arm	Three Seat with 1 Arm	
Product Code	Right: OTT-05a Left: OTT-05b	Right: OTT-06a Left: OTT-06b	Right: OTT-07a Left: OTT-07b	
Dimensions	H760 x W825 x D850 x SH430mm	H760 x W1425 x D850 x SH430mm	H760 x W2025 x D850 x SH430mm	
	Single Seat with Open End	Two Seat with Open End	Three Seat with Open End	
Product Code	Right: OTT-05c Left: OTT-05d	Right: OTT-06c Left: OTT-06d	Right: OTT-07c Left: OTT-07d	
Dimensions	H760 x W825 x D850 x SH430mm	H760 x W1425 x D850 x SH430mm	H760 x W2025 x D850 x SH430mm	

NOTE: Illustrations show Right arm units.



METAL FRAME FINISHES

STANDARD POWDER COAT COLOURS:

 Wine Red RAL 3005	 Ruby Red RAL 3003	 Beige Red RAL 3012	 Broom Yellow RAL 1032	 Zinc Yellow RAL 1018	 Oyster White RAL 1013
 Steel Blue RAL 5011	 Sapphire Blue RAL 5003	 Pigeon Blue RAL 5014	 Blue Grey RAL 7031	 Signal White RAL 9003	 Pebble Grey RAL 7032
 Grey Beige RAL 1019	 Yellow Grey RAL 7034	 Fir Green RAL 6009	 Moss Green RAL 6005	 Reseda Green RAL 6011	 Cement Grey RAL 7033
 Light Grey RAL 7035	 Graphite Grey RAL 7024	 Jet Black RAL 9005	 Quartz PREMIUM	 Golden Brown PREMIUM	 Rust Mica PREMIUM

On small orders a minimum charge may apply.

POWER



Optional Power Modules available.

PRODUCT MATERIAL BREAKDOWN

Material Breakdown Data based on the **Otto** Armchair OTT-01 upholstered in Camira Oceanic.

Figures stated will vary depending on model purchased and specification changes.

Recycled data based on supplier information and industry averages. As part of our continuous development processes we will review this information regularly and data may change without notice.



45%	AGRICULTURAL FIBRE BOARD
22%	MILD STEEL
10%	POLYURETHANE FOAM
8%	MDF
6%	FABRIC
4%	SOFTWOOD
1%	RECON FOAM
<1%	ZINC PLATED MILD STEEL
<1%	POWDER COAT
<1%	POLYESTER FIBRE
<1%	ELASTIC WEBBING
<1%	LDPE

TOTAL WEIGHT: 44kg

61.17 KG CO2e
 *calculations are based on average emission factors validated by third-party open data sources based on cradle-to-gate phases of typical product lifecycle.

SUSTAINABILITY

64%	RECYCLED CONTENT
98%	RECYCLABLE

This product has been designed using high quality materials and craftsmanship to ensure it's longevity, however at the end of this products life it can be returned to **sixteen3** for refurbishment or recycling.

For FSC® Chain of Custody specify when ordering.



Certificate Number 14506



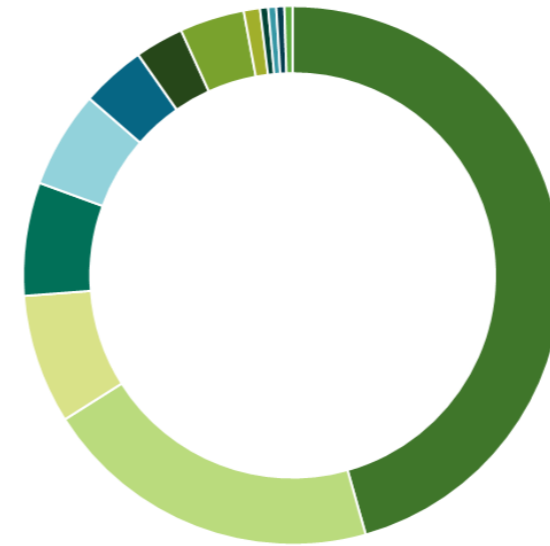
Full Membership Certificate No. 173

PRODUCT MATERIAL BREAKDOWN

Material Breakdown Data based on the **Otto** Foam Free Armchair OTT-01-FF upholstered in Camira Oceanic.

Figures stated will vary depending on model purchased and specification changes.

Recycled data based on supplier information and industry averages. As part of our continuous development processes we will review this information regularly and data may change without notice.



47%	AGRICULTURAL FIBRE BOARD
21%	MILD STEEL
8%	MDF
8%	COIR & LATEX
6%	FABRIC
4%	SOFTWOOD
3%	HORSE HAIR & LATEX
4%	WOOL
1%	POLYESTER FIBRE
<1%	ZINC PLATED MILD STEEL
<1%	POWDER COAT
<1%	ELASTIC WEBBING
<1%	LDPE

TOTAL WEIGHT: 47kg

98.31 KG CO2e
 *calculations are based on average emission factors validated by third-party open data sources based on cradle-to-gate phases of typical product lifecycle.

SUSTAINABILITY

65%	RECYCLED CONTENT
98%	RECYCLABLE

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Warranty Information

5 YEAR – NORMAL FAIR WEAR & TEAR

This includes the structure and any foam/padding materials.
Fabrics are covered by fabric manufacturers' warranties, usually 5 years, dependant on fabric choice.

Please refer to full **sixteen3** Warranty information document for more details.
sixteen3 ltd reserve the right to update product data information without prior notice.

Standards

FLAMMABILITY

The foams & fillings of this product meet BS EN 5852: Part 2, in accordance with The Furniture and Furnishings (Fire) (Safety) Regulations 1988.

CONSTRUCTION

Designed to meet & exceed BS EN 16139: 2013 – Strength, Durability and Safety Requirements for non-domestic seating.

Cleaning & Maintenance

GENERAL MAINTENANCE

- Vacuum upholstery regularly to remove dust and grit.
- Most hard surfaces can be cleaned with a soft cloth, dampened with a small amount of water and buffed dry.
- Clean spills and stains quickly to prevent them setting in (see specific fabric care instructions below).
- If being used in a spill/stain prone area specify an appropriate finish with stain-repellent properties.

Refer to fabric manufacturers own guidelines for specific information.

NATURAL FABRICS

In addition to regular vacuuming, wool and other natura fibres can usually be cleaned using appropriate upholstery shampoo. For a deeper clean it is best that wool be dry cleaned, as over-wetting can cause shrinkage and appearance change. Never apply bleach, ammonia, alkali or strong acids to wool upholstery.

SYNTHETIC FABRICS

Vacuuming is the best regular maintenance followed by speed of action to remove spills and stains rapidly as soon as they occur. Most synthetic fabrics can be wiped down with a water soaked damp cloth without fear of damaging fibre or removing colour. Stubborn stains can be removed with a quality upholstery shampoo.

LEATHER

Leather should be regularly dusted with a soft cloth and vacuumed with a soft brush extension. Most types of aniline can also be treated with specialist products to help preserve colour/finish etc. As leather is a natural material, discrepancies in surface texture and 'puddling' in seat areas is to be expected.

POWDER COATED & PAINTED

Clean surfaces regularly with a slightly damp cloth and a mild solution of soapy water. Buff dry with a soft duster.



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