



# Residence Work

Environmental Summary



## How We Care

It's a primary concern of ours that we preserve and nurture the environment and our planet. As a global company, our impact on the environment is significant. Which is why we do everything in our power to create a sustainable, green business. Good environmental management is crucial to the continued success of Spacestor and is a concept that we encourage throughout our entire supply chain, as well as within the company itself. Through innovative research and development, we engineer sustainable solutions through clean and harmless processes. We seek to consistently support and strengthen the global community, help create a unique, unforgettable workspace experience and to inspire wellbeing.

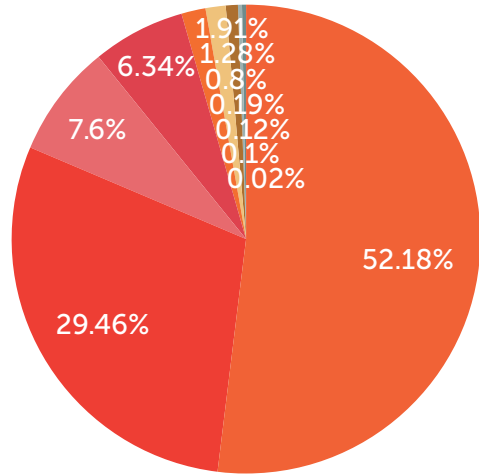
Like our supply chain partners, we take our environmental responsibilities seriously; progressively studying and addressing factors such as waste management, the provenance of our timber and reducing the overall carbon footprint of our business. Minimising our environmental impact is a key consideration at every step of the way.

## Residence Work

A soundproof, acoustically tested individual pod that provides the necessity of a quiet space within the high-tech buzz of the modern working environment. Whether you're in need of a solitary space for private conversation or high focus working, the modern workspace provides little facility for this, with greater emphasis on open-plan collaborative and social zones, rather than individual spaces for quiet, uninterrupted working. Drawing on the rich design heritage of California, the Residences range creates iconic enclosures within the workplace, providing a serene sanctuary. These space-efficient pods provide private space using a minimum floor area. The range comes with glazed panels, allowing light to continue to shine through the workspace. The birch plywood finish provides a raw, natural aesthetic enclosing a choice of either standing or seated working positions. The Residences range boasts extremely high acoustic quality, has a constant flow of fresh air with built in air vents and a highly adaptable design with a huge range of finishes options.



# Environmental Information



% Content of product by weight

- Lacquered plywood
- Steel
- Glass Panels
- MDF
- Upholstery foam
- Upholstery fabric
- Acoustic foam
- ABS Plastic
- Aluminium
- Rubber
- Glazing tape

## Recycling Information\*

The plywood frame, seat and table parts are 90% recyclable. Lacquered plywood and MDF can be reused, recycled as Grade C wood or used as biomass waste in accordance with the biomass regulation.

Acoustic glass is 90% recyclable.

The upholstery fabric and foam are both 100% recyclable.

Camira Blazer fabric consists of 100% virgin wool. The production of virgin wool is generally considered to have a minimal environmental impact. Since wool is derived from animal fibres, it is an inherently sustainable fabric and highly biodegradable. The upholstery foam is made from 100% polyurethane foam which can be recycled and reused by grinding or particle bonding.

All packaging materials we use are fully recyclable. Our foam and polystyrene packing pieces are not currently recycled at kerbside but they can be recycled as LDPE.

\*Please check with your local authorities for exact information on how to recycle these materials.

## Declare.

**Residence Work & Meet Spacestor**

**Final Assembly:** Hemel Hempstead, UK; Philadelphia, Pennsylvania, USA; Los Angeles, California, USA

**Life Expectancy:** 20 Year(s)

**End of Life Options:** Biodegradable/Compostable (1.8%), Recyclable (94.9%), Landfill (3.3%)

**Ingredients:**

Wood; Glass, oxide, chemicals; Aluminum; Iron; Nickel (Metallic); Small Electrical Components- RoHS Compliant<sup>1</sup>; Phenol, polymer with formaldehyde<sup>2</sup>; Chromium, metallic; Manganese; Molybdenum; 2-Propenenitrile, polymer with 1,3-butadiene; Carbon black; Poly(oxy-1,2-ethanediyl), α-hydro-ω-hydroxy-; Cobalt metal powder; Copper; Silicon; Titanium

<sup>1</sup>LBC Temp Exception RL-002 - Small Electrical Components  
<sup>2</sup>LBC Temp Exception RL-009 - Formaldehyde

**Living Building Challenge Criteria:**

**I-13 Red List:**

<input type="checkbox"/> LBC Red List Free	% Disclosed: 100% at 100ppm
<input checked="" type="checkbox"/> LBC Red List Approved	VOC Content: Not Applicable
<input type="checkbox"/> Declared	

**I-10 Interior Performance:** Not Compliant

**I-14 Responsible Sourcing:** Product Available with FSC Chain of Custody

SPC-0008  
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MANUFACTURER RESPONSIBLE FOR LABEL ACCURACY  
INTERNATIONAL LIVING FUTURE INSTITUTE™ [living-future.org/declare](http://living-future.org/declare)

### Materials

Materials		% Content of product by weight*
Frame	Lacquered birch plywood (approx 95% plywood, 5% glue & lacquer)	52.18%
	Steel	29.46%
	MDF	7.6%
Glass panels	Acoustic laminated glass with PVB interlayer	6.34%
Upholstery fabric (based on a popular example)	Camira Blazer (100% virgin wool)	1.28%
Upholstery foam	Polyurethane foam	1.91%
	Acoustic polyurethane foam	0.8%
Fixings & other parts	Aluminium	0.1%
	Rubber	0.19%
	Glazing tape	0.12%
	ABS Plastic	0.02%

\*based on a Residence Work, Upholstered Back, Sitting Position

### Recyclability (%)

Lacquered ply**	Steel	90%	Aluminium	100%
MDF**		100%	Rubber	25%
Glass panels		100%	Glazing tape	0%
Upholstery fabric		90%	ABS plastic	20%
Upholstery foam**		100%	Packaging*	100%
		100%		

\*item can be recycled at kerbside.

\*\*if unable to be reused this material can be incinerated to generate energy through biomass disposal.

94%

recyclable

# Additional Information

Dedicated manufacturing facilities in the UK and USA provide you with ultimate flexibility in product customization and lead time. Spacestor is ISO9001, ISO14001, FISP, FSC and CHAS accredited - demonstrating our commitment to quality, safety and sustainability.



All materials are locally sourced as much as possible from suppliers who meet high environmental standards.

The majority of our board components meet the emissions limit values of the European formaldehyde class E1 under ECHA (European Chemicals Agency), which means board materials contain a maximum of 0.007% formaldehyde. Our board suppliers have the VOCs in their products tested regularly according to exceed the latest standards. Melamine resin surfaces, laminates and most coatings block emissions from the coreboard. The emissions of these coatings are very low, so overall, the laminated board exhibits far lower values for VOC and formaldehyde emissions than the rawboard. We are now able to offer some products with zero added formaldehyde, and are moving to increase this steadily.

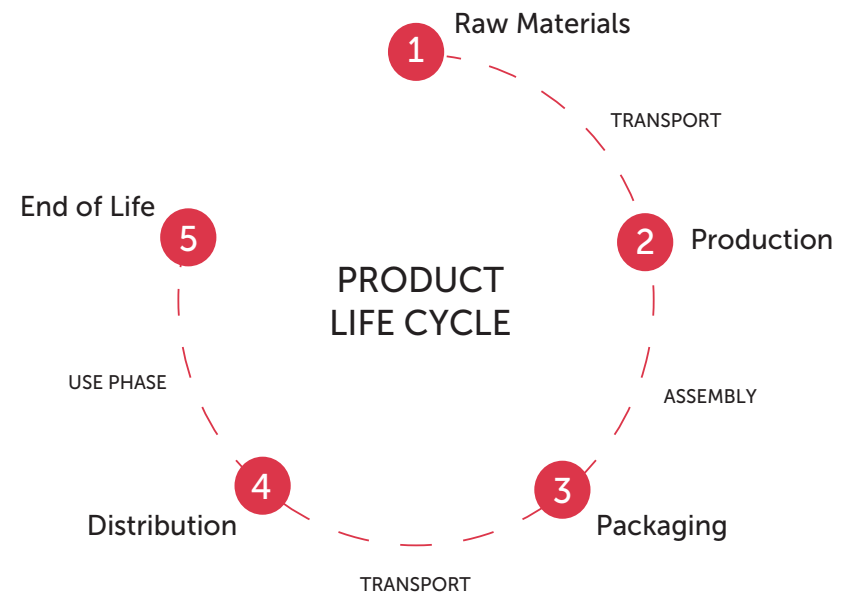
Waste management is under continual reduction and measures are taken to reduce landfill. All waste that can't be used anywhere else is recycled and managed in accordance with legal requirements. And it's not just the waste we produce on site that's recycled; when an installation is complete, all waste and packaging materials removed are returned to be fed into our segregated waste streams.

Our wood waste never goes to landfill. Instead, we burn all our biomass-type waste in our on-site 350kW Ranheat biomass boiler which in turn, provides enough energy to heat our main manufacturing plant and provide hot water for all on-site facilities, eliminating tonnes of CO2 emissions from fossil energy sources, as compared to energy generation using natural gas. Since expanding the capacity of our biomass power plant in 2016, we can proudly say we have not had to purchase gas from the UK network.

Distribution generally occurs between the manufacturing site to the client. Wherever possible, we minimize packaging weight and volume to reduce the carbon footprint of the product during distribution.

Spacestor is dedicated to product longevity. Residence Work is made with replaceable parts and easily changeable accessories. The product is 94% recyclable by weight and easy to disassemble at the end of life using simple tools.

## Product Lifecycle



The background is a vibrant, abstract composition of horizontal bands in various colors including shades of blue, orange, red, yellow, pink, and grey. The bands vary in width and are interspersed with geometric shapes like triangles and rectangles, creating a dynamic, layered effect. The overall palette is bright and modern.

Spacestor<sup>®</sup>