



HotLocker

Freestanding Build
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.

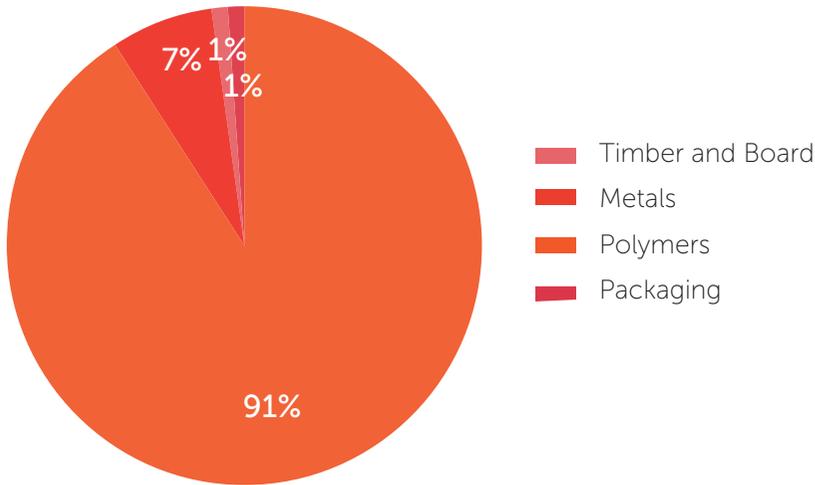
Like our supply chain partners, we take our environmental responsibilities seriously; progressively studying and addressing factors such as waste management, the provenance of our timber and reducing the overall carbon footprint of our business. Minimising our environmental impact is a key consideration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

HotLocker

Modular, customizable and highly adaptable to design, these freestanding lockers can become an extension of your brand throughout the workspace. Over the last 6 years, the whole concept of office storage has gone through a major revolution. Now many staff are not tethered to a single location, and when they are on-site, they're not storing what they used to store, which was paper. There is a major current shift from centralised archive storage to personal possession storage - from bulk filing to lockers. So we are seeing a re-positioning of the location and importance of the locker, shifting from back of house right into the hub of the work area. To play their part in talent attraction, these lockers need to function smoothly, be design-appealing and support today's technology. Even personal storage may have to be shared to support agile working. Available in a huge range of finishes and various low and high-tech locking strategies, these lockers are highly suited to both traditional and agile working styles.



Environmental Information



% Material type by mass (kg)

Recycling Information*

The carcass, clads and locker door fronts, are made from MFC which is an environmentally sustainable product containing over 40% recycled wood and can be recycled at the end of its life as Grade C wood or used as biomass waste in accordance with the biomass regulation.

The metal hinges, feet and keylock parts are 100% recyclable, through re-smelting.

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.

Materials

Materials	% Material Type by Mass (kg)*
Carcass, clads & door fronts	Timber and Board: 91% Melamine faced chipboard (MFC - 85% wood mass, 6% water, 9% UF glue, <1% paraffin wax emulsion)
Metal parts (hinges, locks & feet)	Hinges - 100% Steel Locks - 98% zinc, 2% other metals. Keys - 100% steel 7%
Other parts	Polymers 1%
Packaging	1%

*the above information is representative of the entire Hotlocker (freestanding build) range to a minimum of 99% disclosed to 100ppm

The addition of accessories will contribute to material content, however this is dependent on the designer's choice.

98%
recyclability by mass (kg)

40%
recycled content by mass (kg)

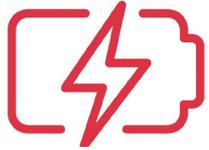
Recyclability (%)

Timber and Board**	100%
Metals	100%
Other Polymers	20%
Packaging*	100%

*item can be recycled at kerbside.

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

Environmental Information

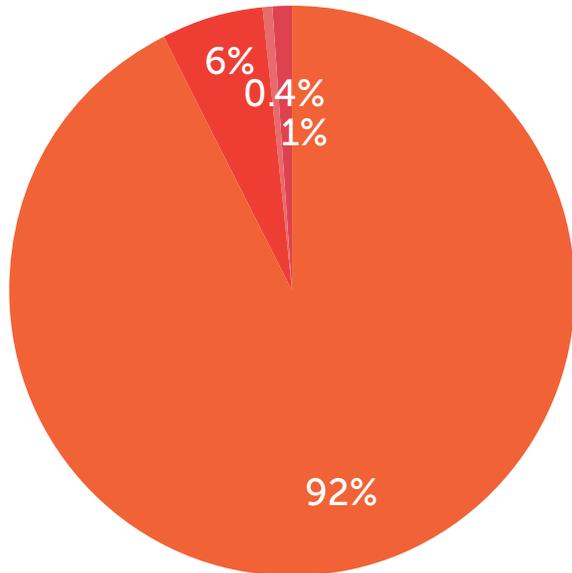


2711 MJ

Embodied Energy

Total primary energy consumed from direct and indirect processes (A1-A3) expressed in Megajoules (MJ)

Embodied Energy (MJ)



- Timber and Board
- Metals
- Polymers
- Packaging

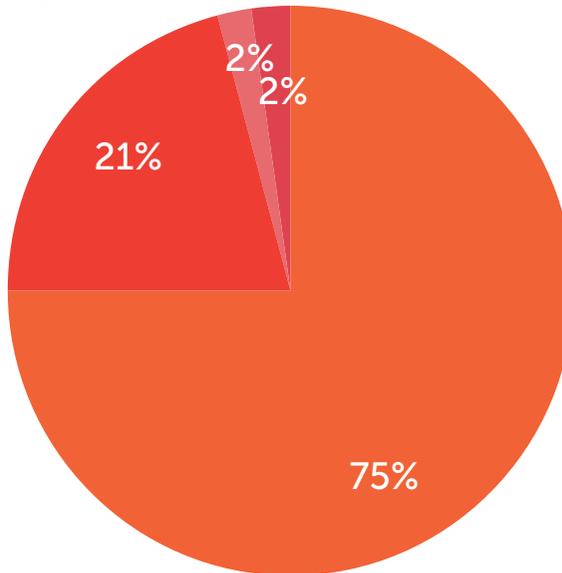


107 KgCO₂e

Embodied Carbon²

Total greenhouse gas emissions emitted (A1-A3) expressed in carbon dioxide equivalent (KgCO₂e)

Embodied Carbon (KgCO₂e)



HotLocker/Forte Spacestor

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

Life Expectancy: 20 Year(s)

End of Life Options: Biodegradable/Compostable (1.25%), Recyclable (96.5%)

Ingredients:

Wood; Oxirane, (chloromethyl)-, homopolymer; Water; Iron; Nickel (Metallic); Chromium, metallic; Paraffin; **Formaldehyde (gas)**¹; Manganese; Poly(oxy-1,2-ethanediyl), α-hydro-ω-hydroxy-; Acrylonitrile-Butadiene-Styrene Copolymer; Amorphous silica; Molybdenum; Calcium carbonate; Titanium dioxide

¹LBC Temp Exception RL-009 - Formaldehyde

Living Building Challenge Criteria:

I-13 Red List:

- LBC Red List Free % Disclosed: 100% at 100ppm
- LBC Red List Approved VOC Content: Not Applicable
- Declared

I-10 Interior Performance: Not Compliant

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

SPC-0003
EXP. 01 JAN 2023
Original Issue Date: 2021

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.

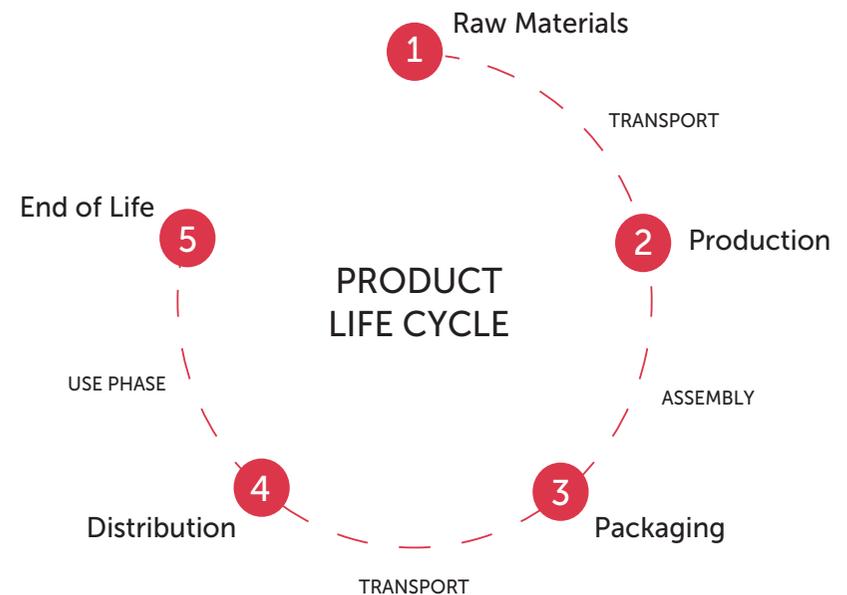
Waste management is under continual reduction and measures are taken to reduce landfill. All waste that can't be used anywhere else is recycled and managed in accordance with legal requirements. And it's not just the waste we produce on site that's recycled; when an installation is complete, all waste 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. Hotlocker is made with replaceable parts and easily changeable accessories. The product is 98% recyclable by mass (kg) and easy to disassemble at the end of life using simple tools.

Product Lifecycle



The background consists of numerous horizontal bands of varying widths and colors, including shades of blue, orange, red, yellow, pink, and grey. The colors transition from darker tones at the top and bottom to lighter, more vibrant tones in the middle. The overall effect is a dynamic, multi-colored abstract pattern.

Spacestor[®]