



Palisades II

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.

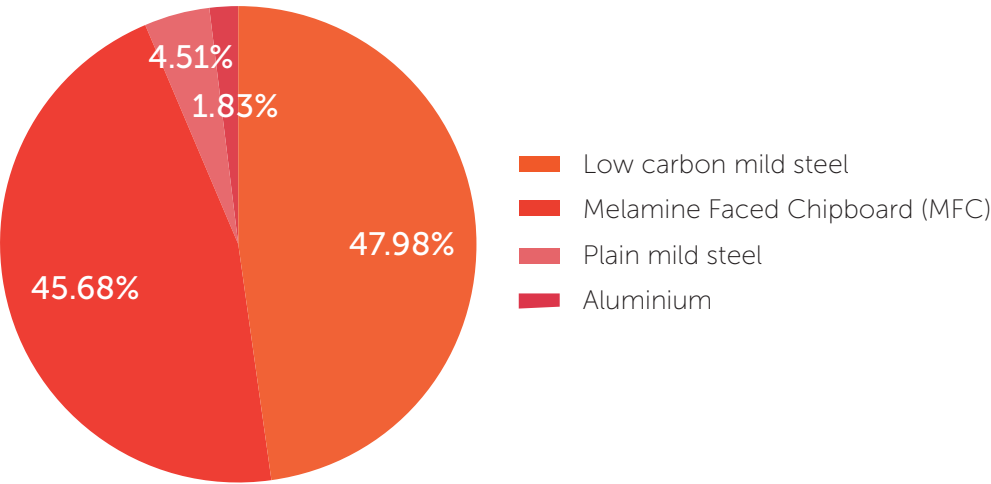
Like our supply chain partners, we take our environmental responsibilities seriously; progressively studying and addressing factors such as waste management, the provenance of our timber and reducing the overall carbon footprint of our business. Minimising our environmental impact is a key consideration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

Palisades II

The Palisades II range allows teams to build unique scrum spaces, soft seating areas or neighbourhoods combining, shelving, zone dividing and storage to create unique divisions, embracing the ever popular crittal look. Open workspaces bring benefits with natural light, space, collaboration, but also challenges without walls to divide space. Palisades II is a hugely flexible system that offers a new approach to dividing zones in a light and minimalist way - an elegant expression of an architecture within an architecture - and can be customized to your design with greenery, shelving and other accessories. Palisades II can grow to any size, making new architectures around or even over your desk. Taking inspiration from the great mid-century modernist Californian designer Muriel Coleman, Palisades II brings Coleman's light, harmonious aesthetic into the ever-evolving workspace.



Environmental Information



% Content of product by weight

Recycling Information*

Palisades II grid framework, rods and its connectors are all 100% recyclable through re-smelting.

The base is constructed of 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.

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		% Content of product by weight*
Grid Framework	Low carbon mild steel	47.98%
Rods	45# Steel: Plain Mild Steel C: 0.42~0.50% Si: 0.17~0.37% Mn: 0.50~0.80% P: ≤0.035% S: ≤0.035% Cr: ≤0.25% Ni: ≤0.25% Cu: ≤0.25%	4.51%
Connectors	Aluminium	1.83%
Base	Melamine Faced Chipboard (MFC - 85% wood mass, 6% water, 9% UF glue, <1% paraffin wax emulsion)	45.68%

*based on a 1600mm high x 800mm wide configuration with 73mm base

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

99%
recyclable

Recyclability (%)	
Low carbon mild steel	100%
Plain mild steel	100%
Aluminium	100%
MFC**	100%
Packaging*	100%

*item can be recycled at kerbside.

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

Sustainability Product Standards Compliance Overview

Spacestor has detailed information on all of our products, for each of the following sustainability standards: WELL, LEED, BREEAM, LBC (Living Building Challenge) and SKA.

A brief overview below details what these standards measure on and where they are focused:

WELL - a globally recognized standard that focuses on the product and its impact, with the aim of enhancing human health and wellbeing through building design and operations. Ten concepts are encompassed within this: Air, Water, Nourishment, Light, Movement, Thermal Comfort, Sound, Materials, Mind and Community.

LEED - Developed by the US, and used worldwide, this standard is a green building certification, which looks at the overall project, from façade through to furniture, and focuses on the product in the context of the building. Energy efficiency, water conservation and materials selection are some of the key areas majored on in this standard.

BREEAM - This is a UK-created standard and isn't found so much as other standards, outside of the UK. It has many of the same focus areas as LEED, and the two are mutually recognized. BREEAM assesses the environmental performance of new buildings, emphasizing energy efficiency and occupant wellbeing.

LBC - The Living Building Challenge is a rigorous performance standard for buildings, promoting regenerative design across seven categories called 'Petals'. These are Place, Water, Energy, Health & Happiness, Materials, Equity and Beauty.

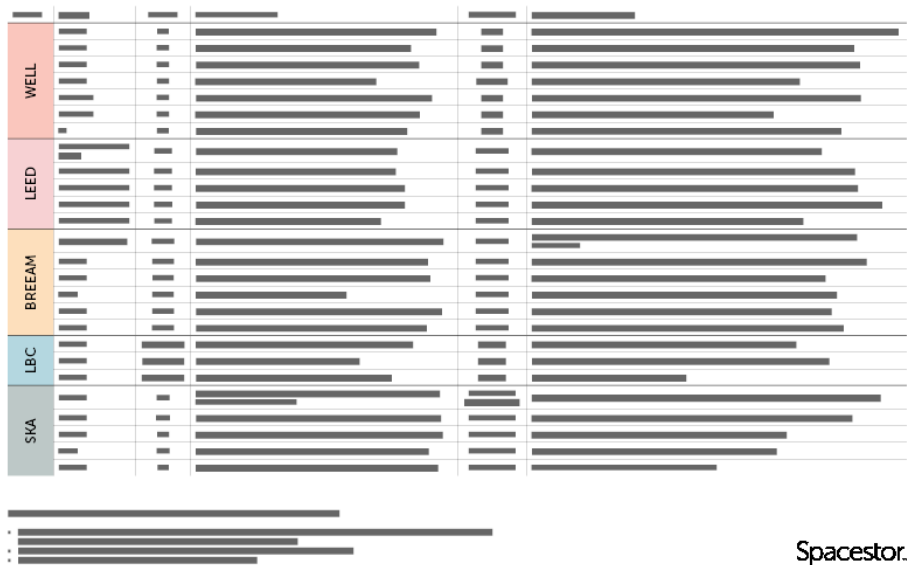
SKA - An environmental assessment protocol tool for sustainable fit outs, SKA focuses on good practice measures in areas like energy, materials and waste for office spaces, looking at the contributions across the project. It looks at the entire life of the product or product part, taking into account how sustainably it can be disposed of at the end of life, as well as processes such as installation.

By working towards these standards, it ensures that you will achieve a recognized level of sustainability in your project, as well as creating a space that supports the physical and mental wellbeing of colleagues, with minimal damage to the environment. The organizations of today that are prioritizing employee welfare and sustainability are the ones building resilience and trust, and signalling their care and commitment to their people, and responsible practices.

While sustainability - particularly across these certification standards - can feel complex, we provide clear guidance and tailored resources to help our clients stay ahead in this evolving space.

We'd love to support your project goals. When you reach out, your dedicated rep can provide a breakdown like the one shown on the right, with each product's compliance by standard and criterion, along with supporting documentation - empowering you to make responsible choices for both people and planet.

Palisades II | Sustainability Product Standards Compliance



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® Certified (FSC-C081796) 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.

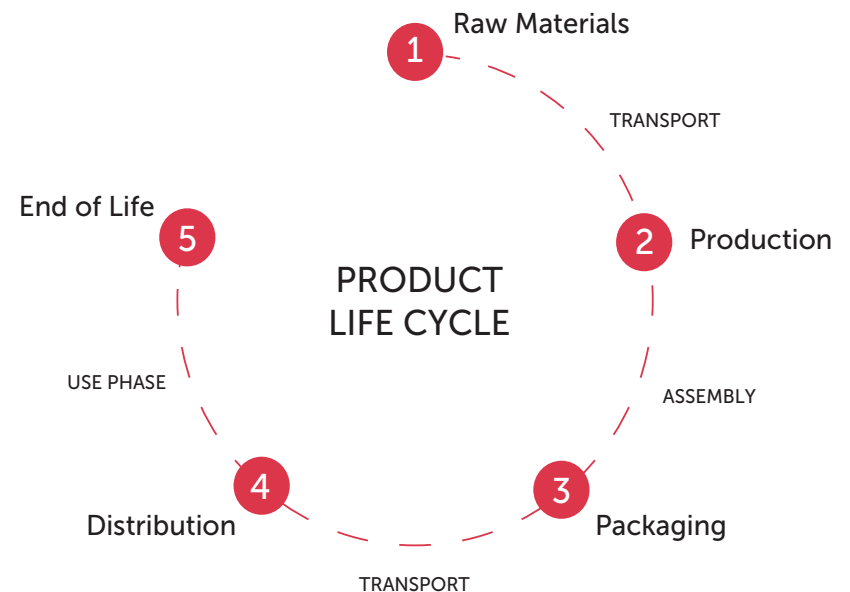
Waste management is under continual reduction and measures are taken to reduce landfill. All waste that can't be used anywhere else is recycled and managed in accordance with legal requirements. And it's not just the waste we produce on site that's recycled; when an installation is complete, all waste 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. Palisades II is made with replaceable parts and easily changeable accessories. The product is 99% recyclable by weight and easy to disassemble at the end of life using simple tools.

Product Lifecycle





Spacestor®