

 XFRAME

Studio Wall

The XFrame™ System

Today more than 40% of the world's waste is the result of building, construction, renovation, and demolition practices. XFrame™ is a radical response to this global challenge.

Backed by a proprietary technology platform that automates design and manufacturing processes, XFrame™ has been developed as a prefabricated, lightweight engineered timber wall, floor and roof framing system that enables end-of-life recovery and reuse.

XFrame™ is manufactured from sustainably sourced (FSC certified) structural plywood using precise computer controlled milling machines to minimise waste. The finished product is a series of modular parts that are designed to clip together without the need for nails, screws or adhesives.

Using XFrame our goal is to make the deconstruction and reuse of building materials an attractive and economically feasible end-of-life strategy.

XFrame™ Office was developed to address the significant waste generated through office and retail fit outs and refits. It is a series of modular commercial and retail applications that are lightweight, easily assembled and rapidly deployable. Adding to its circular economy credentials, XFrame™ Office uses the same components across the entire range meaning products can be disassembled and reconfigured as needed.



A kit of standard parts.



Made from natural and renewable materials.



Assembled without nails, screws or adhesives.



An engineered structure. Millimetre Perfect.



Scalable and flexible spaces.



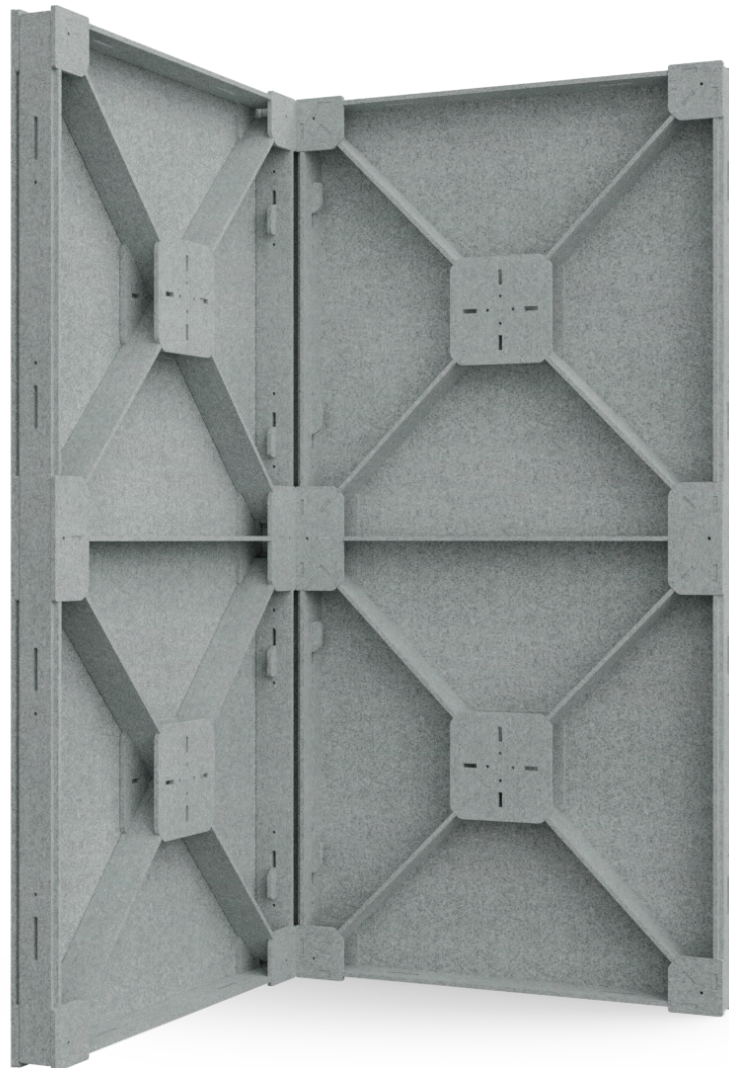
Designed for complete circularity.



**Light-weight,
free-standing and
sound dampening.**

Studio Wall

XFrame Studio combines high-performance recycled acoustic material with the modularity and simplicity of XFrame. Instantly improve the reverberant performance of your space without the need to fix acoustic panels to building surfaces. Panels can be printed-on, custom cut, face-fixed, inset or grooved.




Dimensions: 1200mm x 2400mm (One Panel) **Gross Weight:** 10kg

Frame & Lining Options

 Black

 Grey

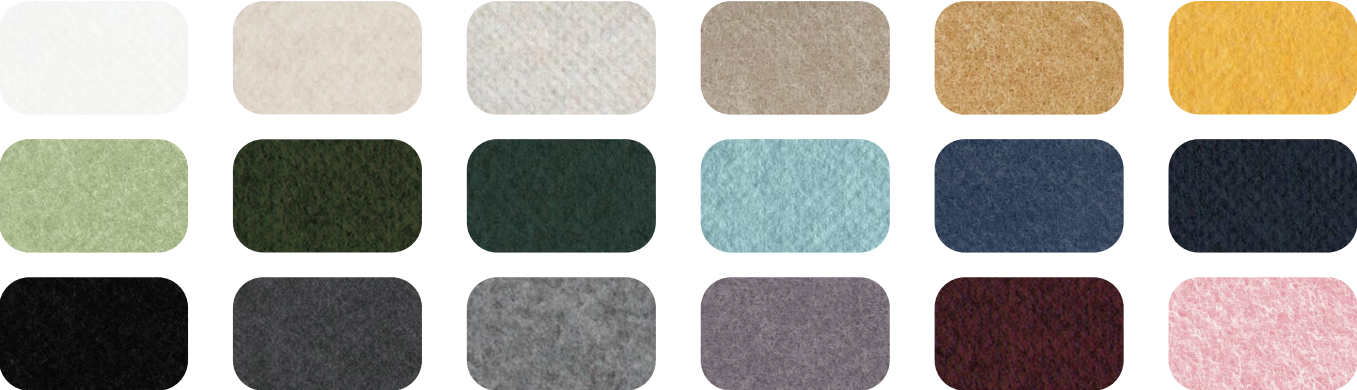
 Neutral

+ Custom

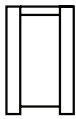
Customisation Options

Using reversible pressure clips we offer a variety of design options for the interior and exterior. Our pre-finished linings are then fixed to the XFrame panels making for an effortless install.

Felt Colours



Product Carbon Breakdown



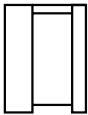
Mini Booth

Specifications:

FSC Certified 12mm and 9mm Plywood.
FSC Certified 18mm Plywood with HPL finishes.
12mm Polyethene Terephthalate (PET).
50mm Polyethene Terephthalate (PET).
Mild Steel Hardware components

Total calculated carbon related emissions:

-31kg



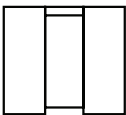
Classic Booth

Specifications:

FSC Certified 12mm and 9mm Plywood.
FSC Certified 18mm Plywood with HPL finishes.
12mm Polyethene Terephthalate (PET).
50mm Polyethene Terephthalate (PET).
Mild Steel Hardware components

Total calculated carbon related emissions:

-49kg



Double Booth

Specifications:

FSC Certified 12mm and 9mm Plywood.
FSC Certified 18mm Plywood with HPL finishes.
12mm Polyethene Terephthalate (PET).
50mm Polyethene Terephthalate (PET).
Mild Steel Hardware components

Total calculated carbon related emissions:

-83kg



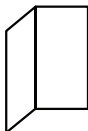
Mobile Wall

Specifications:

FSC Certified 12mm and 9mm Plywood.
FSC Certified 18mm Plywood with HPL finishes.
12mm Polyethene Terephthalate (PET).
50mm Polyethene Terephthalate (PET).
Mild Steel Hardware components

Total calculated carbon related emissions:

+13kg



Studio Wall

Specifications:

100% Polyethylene Terephthalate (PET).

Total calculated carbon related emissions:

+11kg



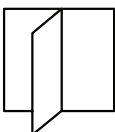
Quiet Wall

Specifications:

100% Polyethylene Terephthalate (PET). Powder coated black metal feet.

Total calculated carbon related emissions:

+74kg



Nucleus

Specifications:

FSC Certified 12mm and 9mm Plywood.
FSC Certified 18mm Plywood with HPL finishes.
12mm Polyethene Terephthalate (PET).
50mm Polyethene Terephthalate (PET).
Mild Steel Hardware components

Total calculated carbon related emissions:

-11kg

Product Carbon Breakdown

About this data:

XFrame calculates project carbon costs using volumetric data from an as-fabricated 3D digital model. Components are categorised by their respective material type and volumes summed for carbon calculation using localised environmental product declaration (EPD) data. When exact EPD data is unavailable XFrame uses the next regionally appropriate EPD information and applies an additional variance factor for this data source.

Carbon emissions reported refer to (BS) EN 15804 lifecycle stages A1-A3 only. Carbon emissions reported include both biogenic carbon (GWPB [kg CO₂-eq.]) and fossil carbon (GWFP [kg CO₂-eq.]) data sources.

Designed for now, built for later.

XFRAME™