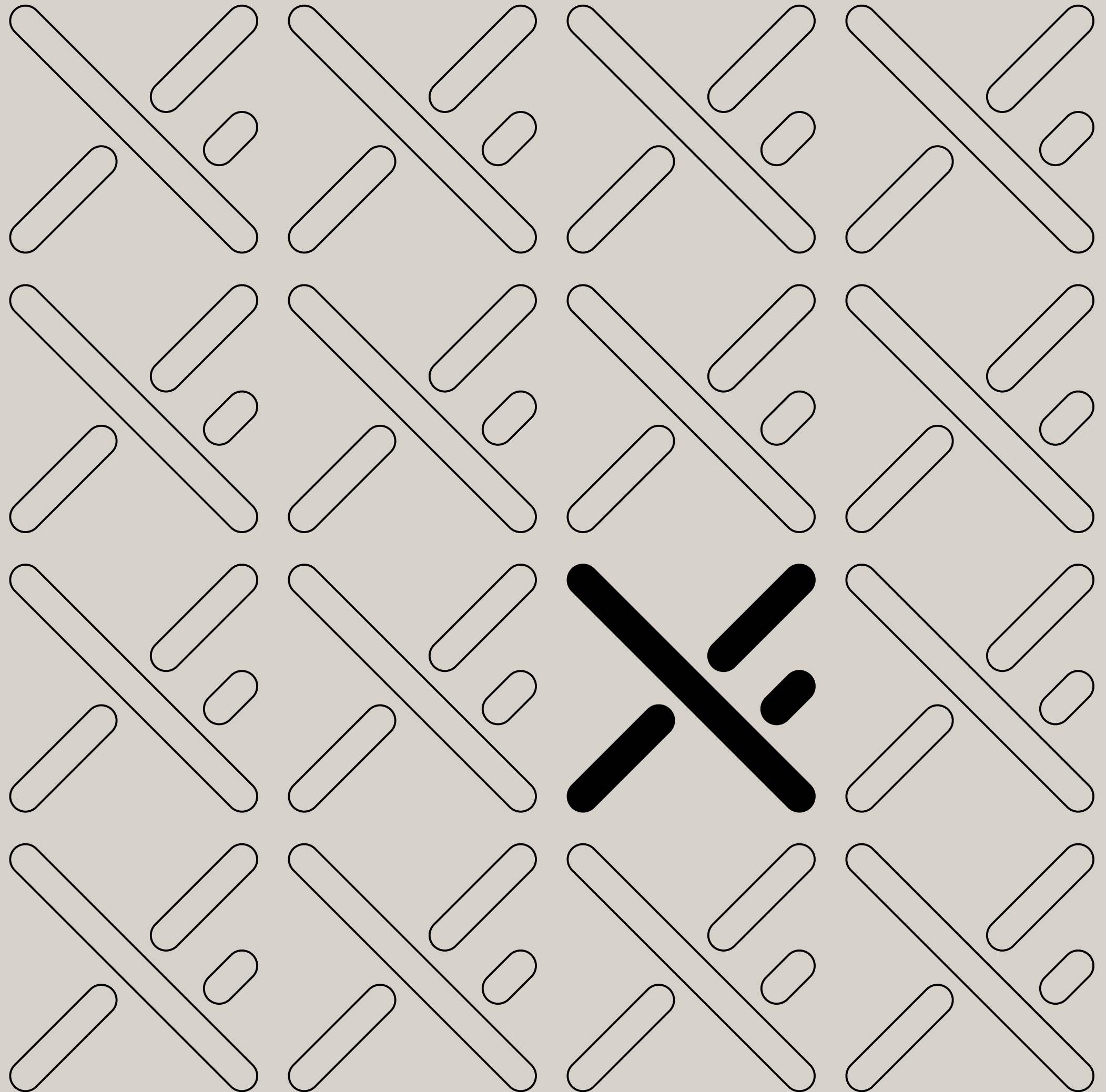


30 sq m / 320 sq ft

# Accessory Dwelling Unit

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## 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.

-  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.

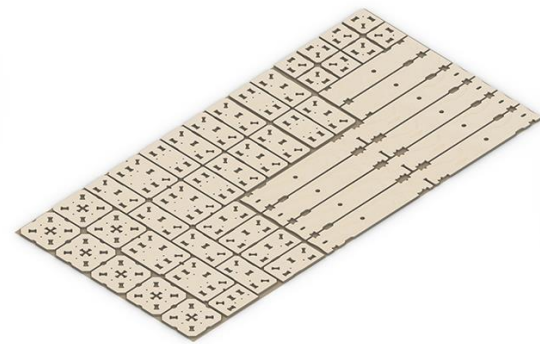
XFrame™ is a reconfigurable structural timber framing system that has been developed in response to the need to design buildings for change.

XFrame™ reduces end-of-life waste and provides the capability to repair, reconfigure, remove and reuse each and every building element.



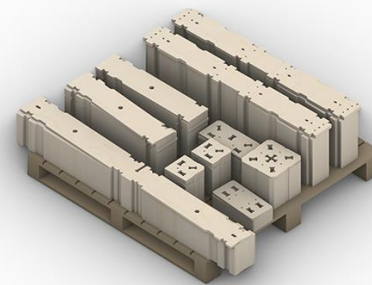
#### Carbon Negative.

XFrame™ parts are formed from fast-growing, rapidly renewable and carbon sequestering Pinus Radiata plywood sheets.



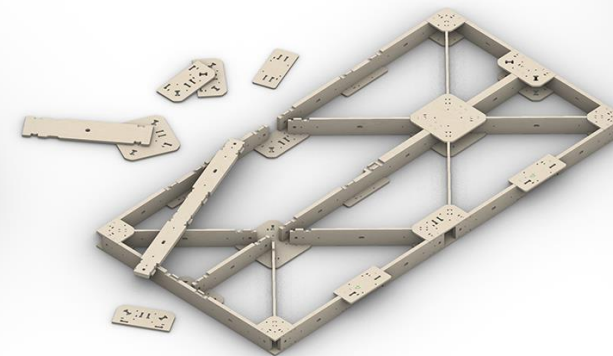
#### Optimised CNC Fabrication.

Computer controlled milling equipment transforms plywood sheets into structurally optimised XFrame™ components with very little waste.



#### Standardised Parts.

XFrame™ is comprised of 12 standard parts capable of forming structural wall panels of any size in 600mm (3 foot) increments vertically and horizontally.



#### Fully Reversible Connections.

XFrame™ parts form panels that can be reconfigured as required over time. Panels can be removed, parts changed as needed, and panels reinstalled.



#### Adaptable Finishes.

The unique braced geometry of XFrame™ & an integrated reversible hidden fixing system means that lining materials can be quickly reconfigured without waste.



**XFrame** reusable, prefabricated timber frame system made from structural plywood.

**Polycarbonate Panels**, 100% recyclable with aluminium frames.

**Bi-folding doors** with black aluminium frame. Possibility to extend living area outside onto a deck.

**Abodo Vertical Weatherboards** in thermally modified New Zealand Pinus Radiata.

**Marmoleum Modular Tiles**, a natural, sustainable linoleum floor covering made from natural, raw materials. Durable, easy to clean and maintain sustainable flooring.



**saveBOARD** Paperfaced internal linings made from 100% recycled Tetra Pak and plastic waste. Painted with Natural Paint Co. bio-based, non-toxic paint.

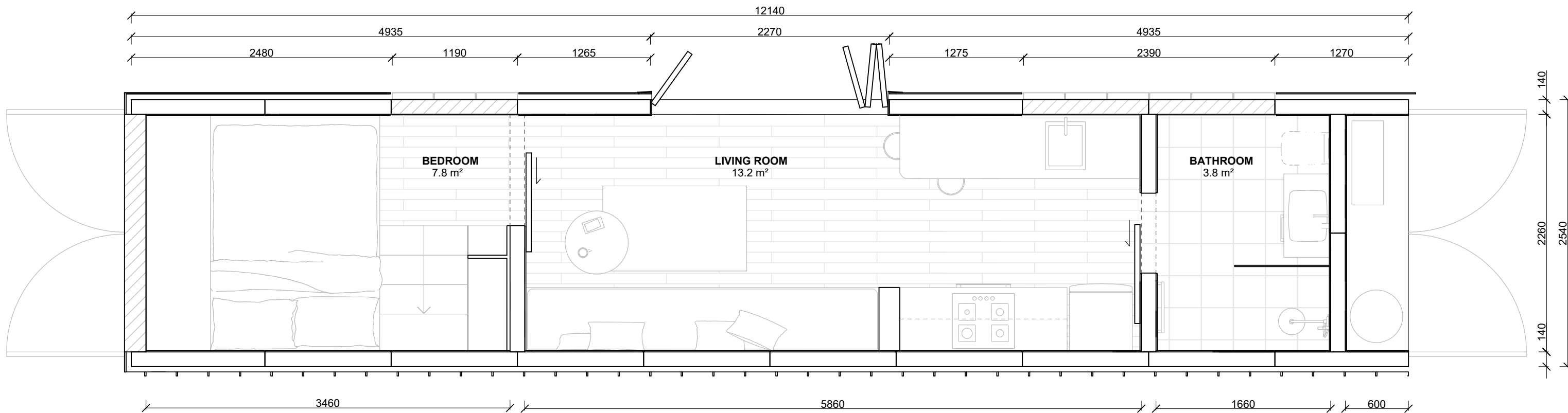
**Built in furniture**, made from FSC certified pine or birch plywood and finished with natural oils.

**Compressed Bamboo Flooring** made from sustainable, compressed bamboo fibres. Click-locking system facilitating quick installation.

**Betta Stone benchtop** made from 100% Australian recycled glass.

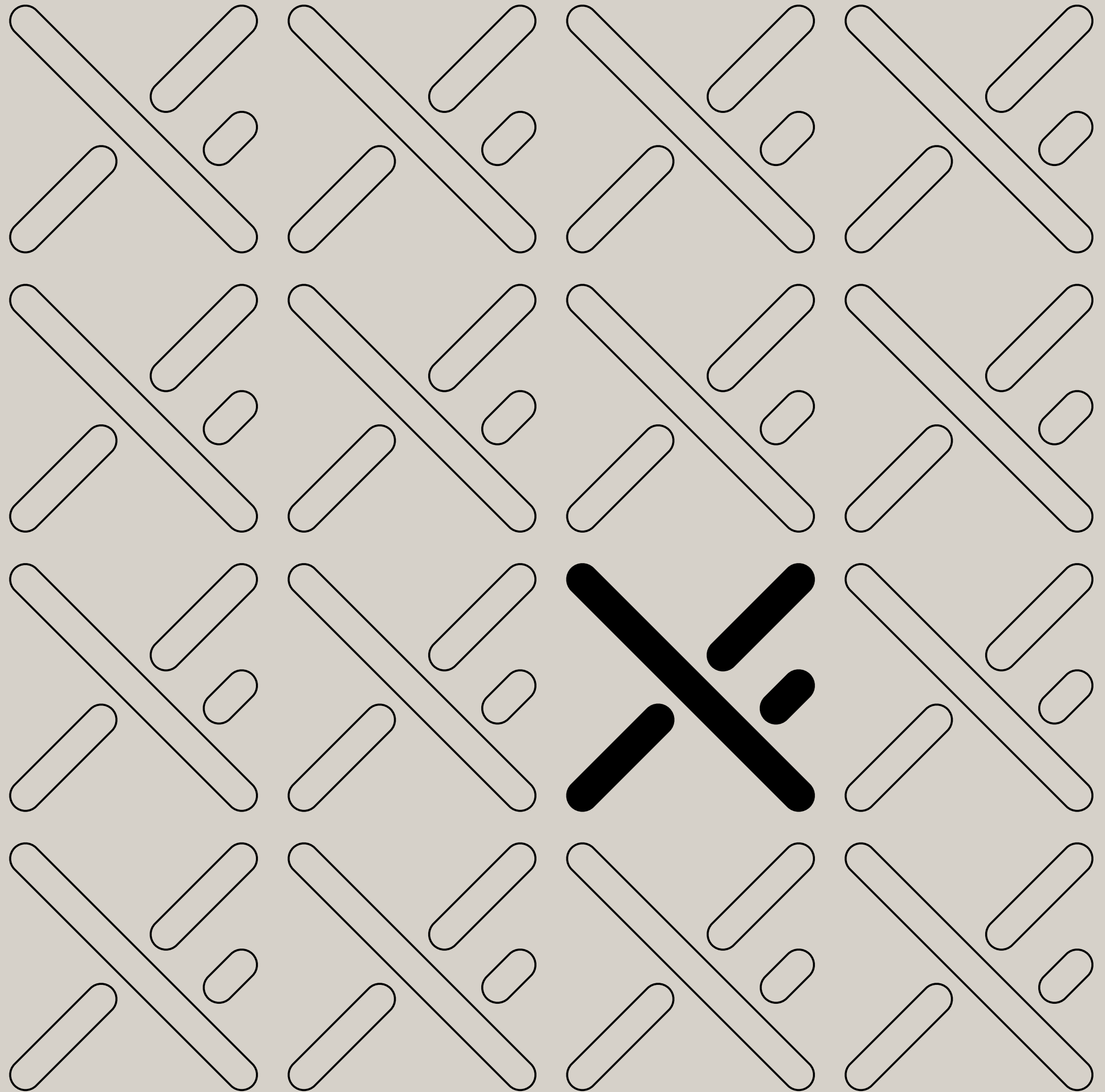
**HDPE Plastic Sheet** made from 100% recycled plastic in 'Black Marble'. Durable and moisture resistant bathroom lining.

**Exterior Services** enclosed by timber cladding system. Easily assessable for maintenance and upgrades.



Dimensions subject to final design.

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**XFRAME™**