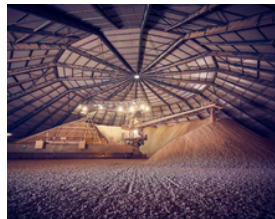


SUSTAINABLE SPACES

Architectural Wallsz



GYPSUM MINING

Gypsum extraction and plasterboard production require significant energy and resources.

The extraction process often involves clearing large areas of land, resulting in habitat destruction and loss of biodiversity.



DID YOU KNOW?

- 270 million m² of plasterboard is manufactured annually, using 3 million tonnes of gypsum
- 63 million tonnes of construction and demolition waste is sent to landfill per annum
- 17-30% of all drywall installations are wasted during the building phase

ARCHITECTURAL WALLSZ APPROACH

DESIGN SMARTER

Projects are fully designed, visualised and coordinated digitally before manufacturing begins, helping to reduce waste, avoid costly design changes and ensure materials are ordered accurately from the outset.



BUILD BETTER

Off-site manufacturing reduces material waste, minimises on-site disruption and shortens programme durations, delivering high-quality interiors faster and more efficiently than traditional construction.

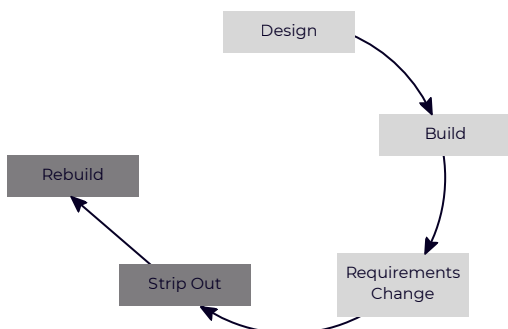


BUILT TO ADAPT

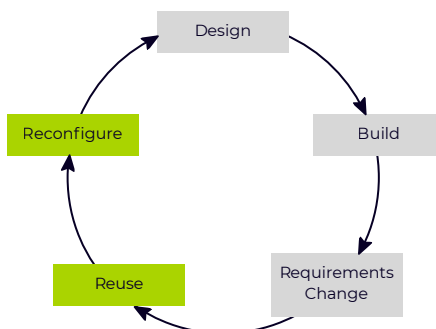
Spaces can be reconfigured, relocated and reused as requirements evolve, reducing demolition waste and extending product lifespan.

REBUILD VS. RECONFIGURE

TRADITIONAL APPROACH



PREFABRICATED APPROACH



CASE STUDY

London Bank Reconfiguration

In 2024, we successfully reconfigured offices over two floors of a London Bank, achieving a significant transformation in the layout and functionality of the space.

- ✓ Reconfiguration of the system purchased in 2015
- ✓ Relocated 150 wall modules
- ✓ Removed 22 offices
- ✓ Added 20 new offices in various configurations



TRADITIONAL CONSTRUCTION SITE



PREFABRICATED CONSTRUCTION SITE

TRADITIONAL CONSTRUCTION SITE VS. PREFABRICATED SITE

- ✗ Large volumes of waste sent to landfill
- ✗ Multiple trades on-site with significant noise and dust
- ✗ Significant on-site disruption

- ✓ **Less waste**
Pre-fabricated construction reduces waste, with 95% being responsibly recycled
- ✓ **Fewer trades**
45% reduction in carbon dioxide from fewer construction crews onsite
- ✓ **Faster install**
30% reduction in project schedules

SUPPORTING SUSTAINABILITY THROUGH CAREFULLY SELECTED MATERIALS:

- 80% Recycled Denim Insulation
- 50-60% Recycled Aluminium Content
- FSC-Certified Timber
- No Added Formaldehyde (NAF) MDF Panels
- Durable Finishes and Reduced Maintenance

WE ARE REDUCING OUR IMPACT BY:



Measuring and reporting our carbon footprint annually



Reducing emissions from transport and operations



Designing spaces for reuse, reconfiguration and long-term adaptability



Prioritising low-carbon and recycled materials

Architectural Wallsz is committed to achieving Net Zero greenhouse gas emissions by 2045.

WHEN YOUR REQUIREMENTS CHANGE, OUR SOLUTION CHANGES WITH YOU.