

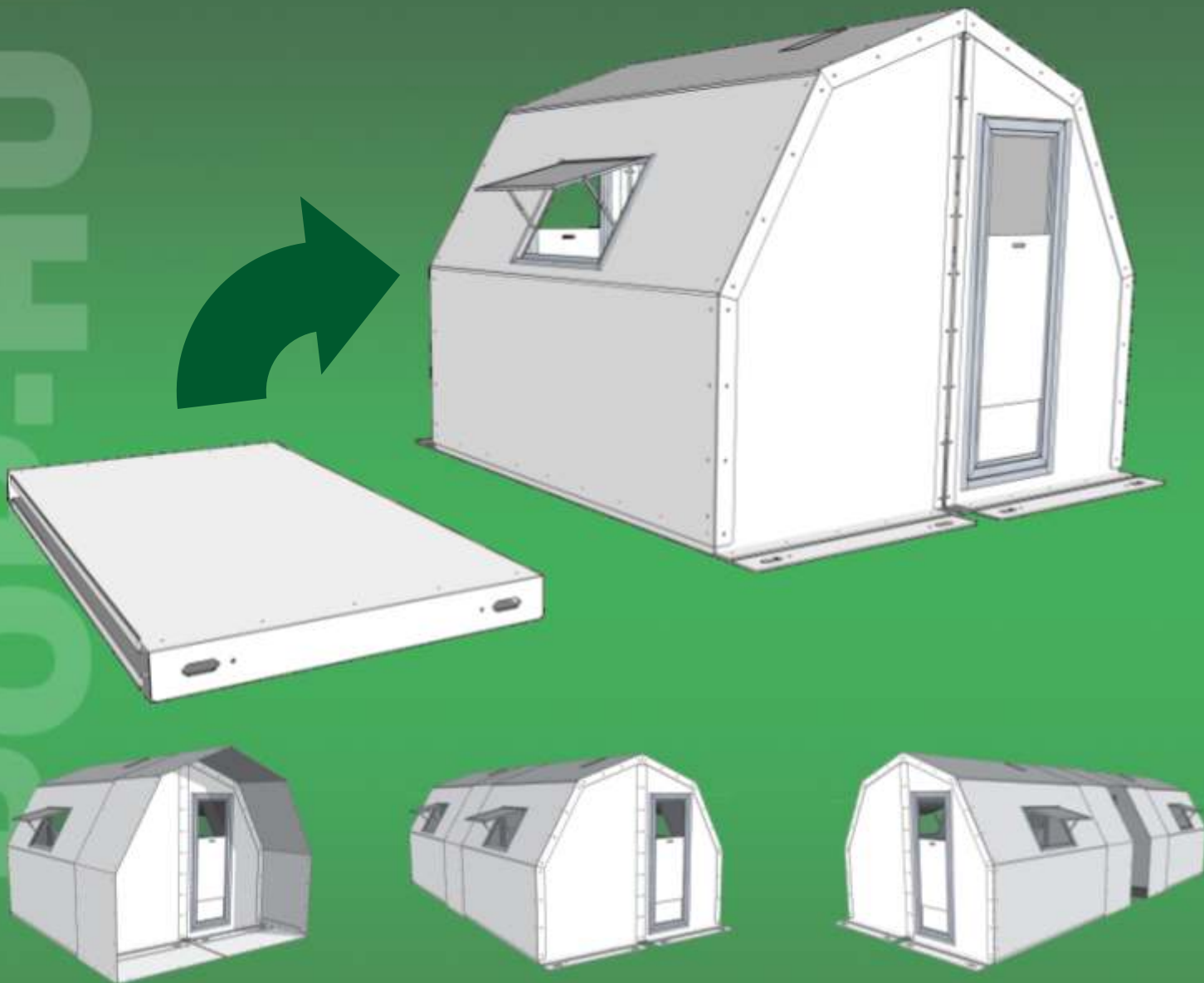


M5 Multi-Purpose Shelter

Multi Purpose
Flat Pack &
Fold-out
Shelters



"Making A Difference Daily Enhances Lives"



Single unit with optional porch (link).

Two units joined with optional porch links.

Joined with 3 optional porch links to form a central covered area.



Emergency Response Shelter

The Pop Hut is designed as a first response solution for temporary accommodation. From folded flat, the user simply opens it upward and fastens the end walls to the sides with special hand-fasten bolts included. Assembly time is around 15 minutes.

The PopHut is easily cleaned and folded up again for re-deployment as needed.

PopHut units can be joined together using optional porch extensions.

PopHut 65 Dimensions:

- Floor area:- 6.5 m² (2.45 W x 2.66 L)
- Ridge height:- 2.25 m
- Folded pack:- 2.90 x 1.15 x 0.18 m
- Weight:- 98 kg

Standard features:

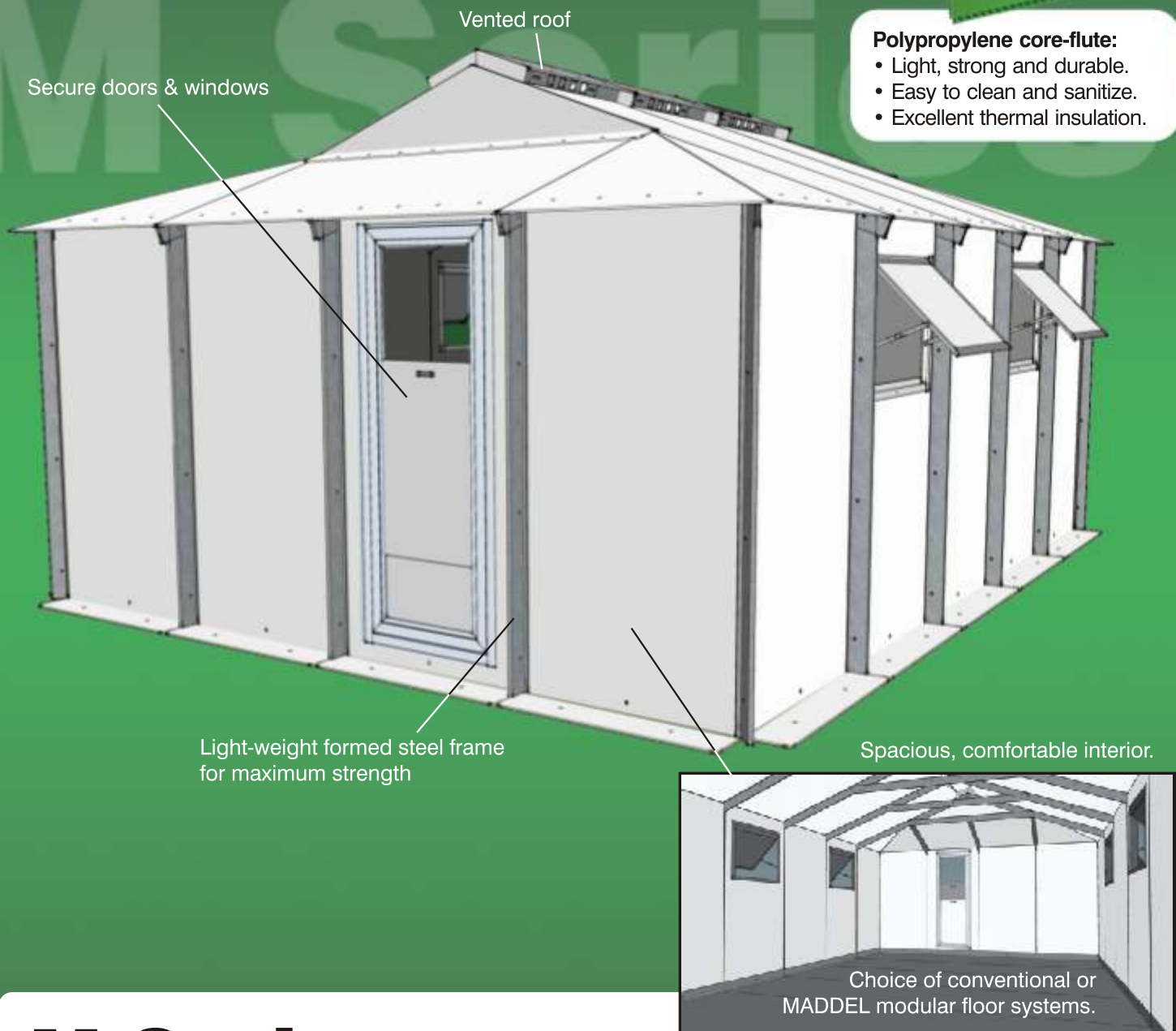
- 1 x screened door
- 2 x screened windows

Freight:

- Units/Container(20ft):- 50
- Units/Container(40ft):- 100

Options:

- Porch extension (link)
- Roof panel extension (link)
- 5w solar panel & LED light.
- 2 x screened doors



M Series Transformable Multi-Purpose Building

The M Series is a flat-packed, panel-by-panel building system suitable to permanent platforms or as a temporary stand-alone unit. Light steel channel sections integrate forming a high-strength frame.

Any floor plan of any size based on a 1m grid can be supplied.

A 20m² M Series can be assembled easily in less than 1 day, and disassembled in 2 hours if required.

Product Applications :

- Post-disaster recovery housing
- School rooms
- Ablution blocks
- First Aid facilities
- Aid organisation field accommodation
- Project command post
- Field hospitals

Standard Unit Dimensions:

- Floor area:- Variable, 1m grid
- Wall height at eaves:- 2.0m to 2.4m
- Internal height at ridge:- 2.8m to 3.2m

Floor Options:

- On the ground with a polypropylene flute-board floor liner. Hold down method by steel peg anchors (perimeter apron)
- Concrete floor slab
- Raised floor platform in timber or steel

MADDEL Shelters

MADDEL's flat-pack and fold-out shelter systems provide safe and comfortable temporary housing with the comfort, durability, security and dignity that tents will never be able to match. Designed for mass-production and rapid distribution, MADDEL Shelters are an instant low-cost building, perfectly suited to mobile organisations, or for communities devastated by natural and social disasters. Units can be distributed rapidly and assembled in hours.

MADDEL shelters have been developed jointly, in consultation with Shelter Centre - Geneva, as well as AID Organisations and Government bodies.

MADDEL is pleased to have inspired a new benchmark in low-cost socialized housing internationally, and continues to lead the industry with innovation and dedication.

Key Features:

- **Light, Strong & Durable. Engineered design.**
- **Versatile systems. Upgradable. Multiple configurations.**
- **Easily transportable. Container-friendly packs.**
- **Extremely rapid assembly. No tools or skills required.**
- **Re-locatable. Can be dismantled & re-assembled multiple times.**
- **Polypropylene Construction: chemical resistant, clean, comfortable**
- **Off-grid LED lighting and low voltage power system**

Common specifications:

- **Primary Materials :-** Walls and roof; 8mm 1800gsm UV stabilised, flame retardant polypropylene (PP) random copolymer twin-walled flute board.
Metal frame; light steel section, corrosion resistant zinc/aluminium coated
- **Fire Safety:-** All PP components Fire Retardant (FR) treated to meet nominal UL94 V2 standard and/or AS/NZS 1530.3-1999 as applicable
- **Thermal Performance:-** Heat transfer coefficient $U = 3.0 \text{ w/m}^2 \text{ }^\circ\text{K}$
- **UV Resistance:-** Minimum service life 2 years. Typically 3-5 years in the field.
- **Wind Resistance:-** Designed to withstand winds of at least 44 m/s (158 km/hr), anchored.
- **Water Resistance:-** Absolutely impervious to water damage and humidity in storage and service
- **Temperature Range:-** Serviceable between -20°C to +60°C

Note: Measurements specified are nominal. The manufacturer follows a policy of continuous product improvement, and therefore reserves the right to change product specifications without notice.