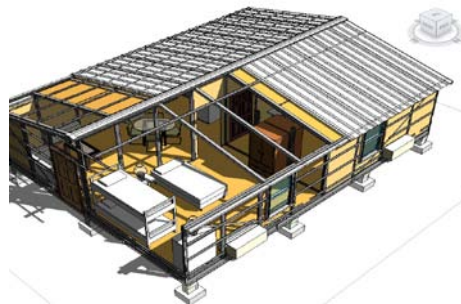


# ReadyShelter™

## *Sustainable Military Housing – 768 Square Feet*



### **Includes:**

- Steel and panel framing system <sup>(1)</sup> (768 sq ft)
- 2 doors and 4 windows

<sup>(1)</sup> Includes, base track, wall studs, top track, ceiling rafters, ridge beam, metal roof, fasteners, wall and ceiling panels.

### **Options:**

- Steel floor framing can be built on any foundation
- Concrete, elastomeric paint or other siding
- Insulation
- Electrical
- Plumbing
- Interior finishes

Note: All components must be specified by RCW

Assembly must be to Ready Corporation's specifications and final inspection is required. Ready Corporation Worldwide framing systems use proven construction methods, but place emphasis on simplicity, strength, speed of installation, flexible design and environmental benefits. The ReadyShelter™ is a durable building capable of being assembled in remote and inaccessible locations. The field assembled shelter can be utilized for long term or temporary use and is easily removed. All components are pre-cut and pre-sized to enable a quick assembly. The weathered in shell can be assembled in 150 man-hours. The ReadyShelter™ must be anchored per local building code. Weatherproof siding or elastomeric paint is required. Minimum order requirements.



## Green System

Ready Corporation's sustainable building systems use light gauge steel and CAF panels (compressed wheat straw). The FEMA-approved ReadyShelter is the lowest carbon footprint building system for temporary or permanent use.

## Structural Integrity and Durability

- Light gauge steel framing
- Impact resistant load bearing panels
- 150 mph wind rating when anchored per specs
- Designs meet standards for USGS Seismic Category D
- Fire resistant
- Termite and rodent resistant
- Mold and mildew resistant

## Portability

- Materials pre-cut & flat packaged
- Easily transported
- Quick, simple and safe to assemble
- Long shelf-life when pre-positioned

## Designed With Comfort in Mind

- Superior acoustics reduce outside noise
- Greater protection from extreme weather conditions
- Good insulating properties
- Floor-plan design flexibility
- Superior indoor air quality - low VOC emissions

## Standard Dimensions

- 24 x 32 – expandable in 24' x 8' sections

## CAF Panel Technical Data

- Base unit is compatible with conventional insulating materials and can be made to meet or exceed IRC code requirements for R values.
- Flame spread (ASTM E119): FSI = 75, SDI = 25, Class B material
- Thermal conductivity (ASTM C518): R 4.
- Moisture absorption (ASTM C739): 4.2% vs. allowable max of 15%
- Smoldering combustion (ASTM C739): no smoldering combustion; carbonization creates barrier to fuel/oxygen
- Impact resistance: several times more impact resistant than sheetrock
- Highly energy efficient – less than 5% of the embodied energy vs. GWB

