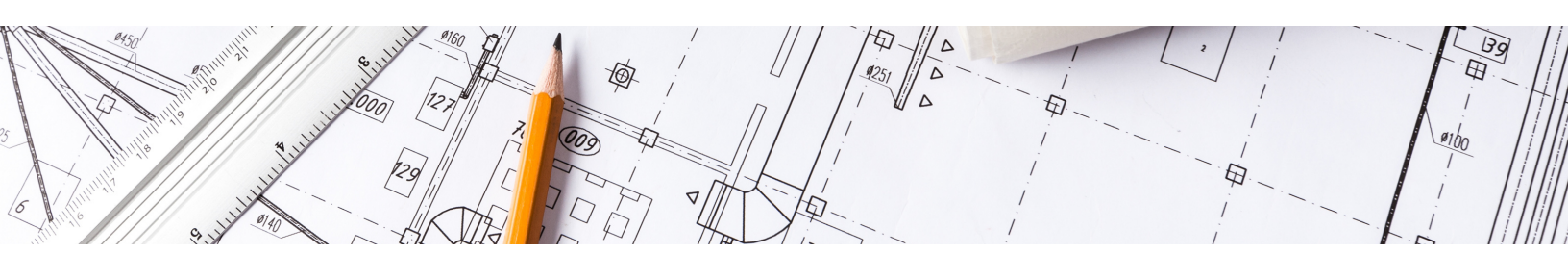




# FOLDING CONTAINER HOMES



WE BUILD FROM SOIL AND EARTH, THE FOUNDATION OF EVERYTHING.



# PRODUCT SPECIFICATIONS

## A+ FIRE RATING

**Length:** 19 ft (5.8 m)

**Width:** 8 ft (2.5 m)

**Height:** 8 ft (2.5 m)

- **Grade A Fire Resistance**

Universal Wall Systems' Folding Container Homes have a Grade A fire rating.

- **Earthquake & Wind Rating**

- **Earthquake:** Magnitude 10

- **Beaufort Scale:** Grade 10

- **Anti-Mold & Moisture Rating**

All material used on the Folding Container Home is anti-mold. The wall panel and roof are 100% waterproof and moisture-proof. The section bar of the structure is formed integrally by high frequency welding and the joint locations are occlusal design. These containers have a high-performance seal, windbreak, and are rainproof.

- **Optimum Sound & Vibration Dampening**

Universal Wall Systems' Folding Container Homes have a 45 dB sound rating.

- **Strength Rating**

- **Roof Load Bearing:** >10.22 lb/ft<sup>2</sup> (>50 kg/m<sup>2</sup>)

- **Ground Load Bearing:** >30.72 lb/ft<sup>2</sup> (>150 kg/m<sup>2</sup>)

- **Lateral Pressure of the Wall:** >16.38 lb/ft<sup>2</sup> (>80 kg/m<sup>2</sup>)

FOLDING CONTAINER HOUSE TECHNICAL PARAMETER					
No.	Item	Value	No.	Item	Value
1	Roof Load	10.24 lb/ft <sup>2</sup>	9	Wall Deformation	61.44 lb/ft <sup>2</sup>
2	Flooring Load	30.72 lb/ft <sup>2</sup>	10	Seismic Grade	10 magnitude
3	Aisle Load	40.96 lb/ft <sup>2</sup>	11	Wind Loading	11 level of wind loading
4	Wall Side Stress	16.38 lb/ft <sup>2</sup>	12	Interior Height	7.87 ft
5	Fireproof	A grade			





## ADDITIONAL FEATURES & ADVANTAGES

The whole frame profile is formed by a high frequency welding machine, and all splicing points are designed with upper and lower bite, with excellent sealing. It is windproof and rainproof. The profile base steel is 2.5mm galvanized steel and the height of the steel base is 27cm. The column steel is 16cm and the profile of roof beam is 19cm. The frame contains the base line and the folded height is 40cm.

### ADVANTAGES


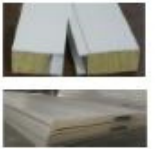




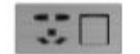





Our folding container house can be conveniently transported and stored. It has a solid base, is corrosion resistant, has a stable structure, a buckle groove design with seamless splicing. The house seals are strong, safe and efficient. The steel elements are large and wide. The house can be repeatedly folded and reused. The life expectancy is more than 15 years.

### Excellent quality and environmental protection.

1. Flexible combination - can be used in a single box, can be combined into an open large space, and can be superimposed to 3 layers.
2. Fully equipped - can be used with different shapes of roofs, corridors, canopies, stairs, and can be decorated according to customer needs.
3. Fast installation - an average of 4 workers can set-up a single container house installation in about 3 hours, or it can be moved and relocated after assembly, which is convenient and quick.
4. Safe and durable - the service life is more than 15 years, the seismic intensity is 8 degrees, and the wind resistance is 11 levels.
5. One 40 foot shipping container can load 10 sets.
6. 100% fire proof and water proof.
7. Save on transportation, installation & storage costs.



# TECHNICAL PARAMETER AND MATERIAL

STEEL STRUCTURE				
No.	Component	Materials	Thick (mm)	Remarks
1	Stand Column	Shaped steel galvanized rectangular pipe	1.5	
2	Frame Beam	Shaped steel galvanized rectangular pipe	1.5	
3	Under Frame	Shaped steel galvanized rectangular pipe	2.5	
4	Frame Beam	5x10cm Galvanized rectangular tubes	1.5	
5	Hanging Head	130x170x15mm Cast steel joint angle	15	
6	Hinge	Galvanized hinges	5	
WALL PANEL & ROOF TILE				
1	Wall Panel	Rock wool board ( density : 4.06 lb/ft3)	1.5	
2	Roof Tile	Rock wool board ( density : 4.06 lb/ft3)	1.5	
	Roof Tile	Roof steel plate Thickness 0.8mm, Width 1.25m	1.5	
WINDOW & DOOR				
1	Door	Anti-theft door	860*1998 mm	
2	Window	Aluminum alloy window (size according to design)	950*1200 mmx2pcs	
3	Floor	1172*2450mm	1172*2450 mm	
ELECTRIC APPLIANCE				
1	Light	Ceiling Lamp	450*450 mm	
2	Switch	Five Hole Socket	40*40 mm	
3	Circuit Breaker	Circuit Breaker		
4	Lines, Pipes	Lines and Pipes		
ACCESSORIES				
1	Accessories	Folding Walkway Fence		
2	Accessories	Stair with Handrail		
3	Accessories	Screw, Rivet, Bolt and Sealant etc.		



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## CONTACT US

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