

HuSh2™ Product Data Sheet



	LENGTH	WIDTH	HEIGHT	WEIGHT
Folded Dimension	4.65m	0.765m	2.4m	1800kg
Deployed Dimension	4.65m	4.65m	2.4m	

Materials ⁱ :	Structure:	Douglas Fir Softwood (Structural timbers graded CE Graded 16 and 24)
	Outer Skin:	Birchwood / Phenolic / Marine Plywood (British Standard 636-3, permanent outdoor rating)
	Metalware:	Stainless Steel / BZP Steel / Galvanised Steel
Floorspace ⁱⁱ :	External = 20.57m ² / 221ft ²	Internal = 19m ² / 204ft ²
Openings:	6 windows @ 0.68m ²	2 door @ 1.871m ²
Ventilation:	Louvre window opening with bug mesh	Opening window casement with Perspex
Weight:	1800kg	
Internal Spec:	Central dividing wall 9mm Plywood floor Walls and ceilings unskinned Side and end walls hinged for transition to storm-safe position	
Snow Load:	1 ton/m ²	
Thermal:	U value = 0.11m ² deg C	R value = 0.05°F/ft ² /BTU
Fire Rating ⁱⁱⁱ :	Index = 90	Rated Class 3 (Continuous use without ignition 212°F. Contact with open flame not recommended)
Flashpoint:	600°F	180 secs to reach flashover at 50kW/m ²
Waterproofing:	BS/EN 1991 Design Codes	BS/EN 13986-2004 standards
	Tested at 10 gallons/minute flow rate	Pressured at 130bar/420 litres/hour
Max windspeed ^{iv} :	200mph in storm-safe position	
Options:	Extruded Polystyrene or Double Foil Laminate insulation	
	Inner lining materials	
	Electrical lighting and outlets / Exterior connection to water supply	

Notes:

ⁱ In accordance with British Standards and Eurocode 5 for Design of Timber Structures.

ⁱⁱ Sphere project (IFRC) guidelines handbook 3rd edition 2005

ⁱⁱⁱ Tested and certified in accordance with UK Regulatory Reform Fire Safety Orders 2005

^{iv} Computer Fluid Dynamics Calculation by Hertfordshire University, Aerodynamic Engineering Journal with a structural load maximum of 1 ton/sqm

Extremis Technology Ltd

Registered Address: Hethel Engineering Centre, Chapman Way, Norwich, NR14 8FB

Registered in England & Wales with Company No: 07133802

Members of Institute for Manufacturing (IfM) and the Engineering and Physical Sciences Research Council (EPSRC)