

## HuSh1™ Product Data Sheet



	LENGTH	WIDTH	HEIGHT	WEIGHT
Folded Dimension	4.45m	0.765m	2.4m	1200kg
Deployed Dimension	4.45m	4.6m	2.4m	

Materials <sup>i</sup> :	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 <sup>ii</sup> :	External = 20.57m <sup>2</sup> / 221ft <sup>2</sup>	Internal = 19m <sup>2</sup> / 204ft <sup>2</sup>
Openings:	4 windows @ 0.68m <sup>2</sup>	1 or 2 door @ 1.871m <sup>2</sup>
Ventilation:	Louvre window opening with bug mesh	Opening window casement with Perspex
Weight:	1200kg	
Internal Spec:	9mm Plywood floor Walls and ceiling unskinned	
Snow Load:	1 ton/m <sup>2</sup>	
Thermal:	U value = 0.11m <sup>2</sup> deg C	R value = 0.05°F/ft <sup>2</sup> /BTU
Fire Rating <sup>iii</sup> :	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 <sup>2</sup>
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 <sup>iv</sup> :	146mph	
Options:	Extruded Polystyrene or Double Foil Laminate insulation	
	Inner lining materials	
	Electrical lighting and outlets / Exterior connection to water supply	
	Kit form/quick release format	

Notes:

<sup>i</sup> In accordance with British Standards and Eurocode 5 for Design of Timber Structures.

<sup>ii</sup> Sphere project (IFRC) guidelines Handbook 3rd Edition 2005

<sup>iii</sup> Tested and certified in accordance with UK Regulatory Reform Fire Safety Orders 2005

<sup>iv</sup> Computer Fluid Dynamics Calculation by Hertfordshire University, Aerodynamic Engineering Journal with a structural load maximum of 1 ton/sqm

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