GLAMP HOUSE

SIA GLAMPHOUSE
Reg.No 50203301081
VAT No.LV50203301081



Manufactured in EU

Dienvidkurzemes nov., Nīcas pag., Grīnvalti, "Lāči", Latvija, LV-3473
info@glamphouse.eu Glamphouse.eu



Barta 18

Explanatory article, assembly description for **Temporary building/tent.**

- Assembly Time: 60 h
- Disassembling Time: 36 h
- Fabric Coverage: ~100%
- Max weight: 2500 kg

Mandatory:

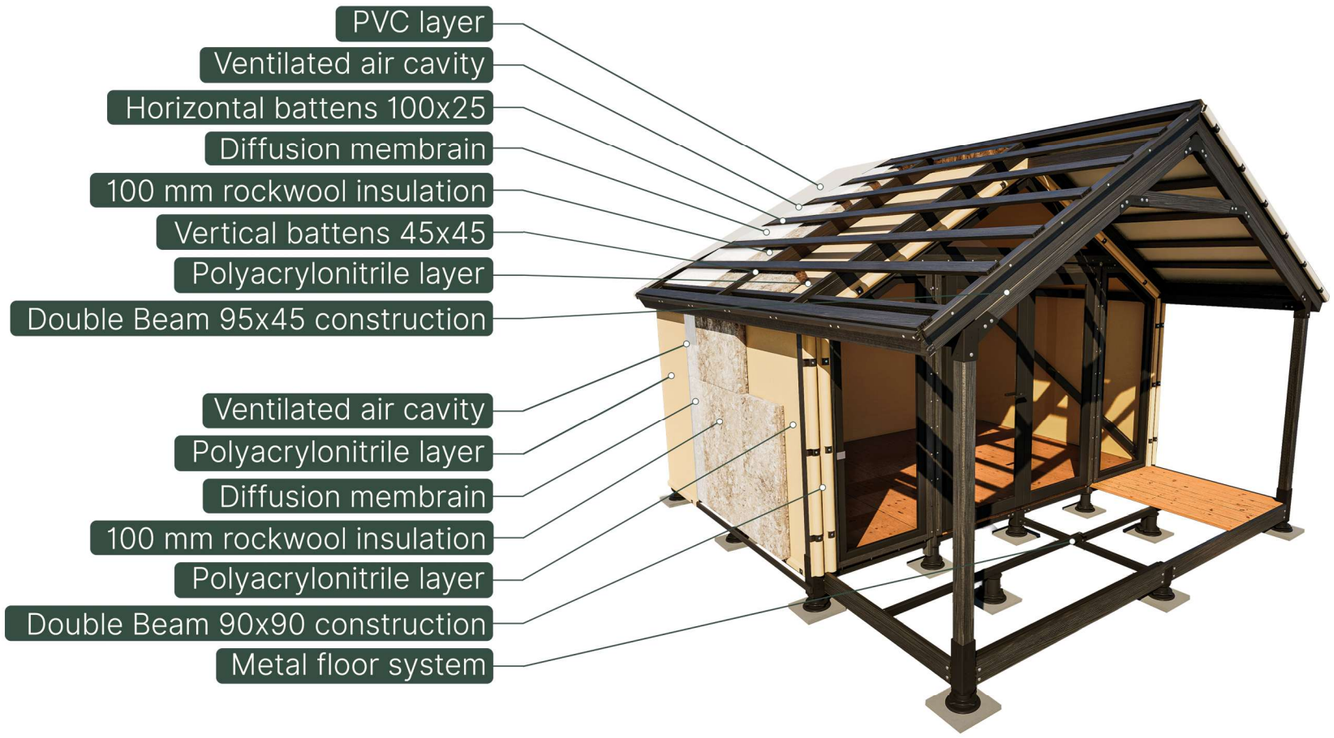
- Secure the floor frame to the ground

Options:

- Screw piles
- Stakes driven into the ground
- Concrete posts/base with connectors.

Connectors are provided by Glamphouse

*Structure does not require Foundation or any permanent base



*Height is measured with floor system type 1 excluding adjustable legs

GLAMP HOUSE	WEIGHT: KG	FIRST ANGLE PROJECTION	
	DESCRIPTION: -		
MATERIAL:	SIZE A3	DWG NO. Barta 18	
	SCALE 1:60	Sheet 1 of 1	REV.

Material Technical Properties

PVC Fabric

Property / Feature	*Value / Result*	*Value / Result*
Width	FR: 250 cm Supertrans; 250/300 cm	±5%
Fabric	Polyester AT 1100 dtex (Polyester high tenacity)	
Coating	PVC Coating 2 Faces	
Weight	670 g/m²	±5% / EN ISO 2286.2
Finish	Lacquered 2 Faces	
Tensile Strength Warp	270 daN/5cm	>250 / UNE EN ISO 1421
Tensile Strength Weft	230 daN/5cm	>210 / UNE EN ISO 1421
Tear Strength Warp	30 daN	>28 / EN ISO 13937.2
Tear Strength Weft	25 daN	>23 / EN ISO 13937.2
Adhesion	10 daN/5cm	>9
Fire Retardant	T2 FR	UNE 23727/90
Roll Length	FR: 65 ml – Supertrans: 50 ml	
Thickness	0.54 mm	±5%
Light Fastness	6–8	UNE EN ISO 105 B02
Temperature Resistance	–30°C to +70°C	
Special Characteristics	Dimensional Stability	

PAN (Polyacrylonitrile)

Composition	100% Polyacrylonitrile	PN-P 04604
Width	160 cm ±2 (205 cm on request)	PN EN 1773
Weight	295 ±15 g/m²	PN-ISO 3801
Quantity Threads Warp (per 10 cm)	295 ±6	PN-EN 1049-2
Quantity Threads Weft (per 10 cm)	115 ±6	PN-EN 1049-2
Tensile Strength Warp	2114 N	PN EN ISO 13934-1
Tensile Strength Weft	834 N	PN EN ISO 13934-1
Elongation at Break Warp	29%	PN EN ISO 13934-1
Elongation at Break Weft	23%	PN EN ISO 13934-1
Tear Strength Warp	60 N	PN EN ISO 13937-2
Tear Strength Weft	40 N	PN EN ISO 13937-2
Water Repellent	≥ Grade 4	PN EN ISO 4920
Water Resistance	≥ 25 hPa	PN EN ISO 811
Stain Resistance to Light	Grade 7–8	PN-EN ISO 105-B04
UV Protection (UPF)	≥ 50	PN-EN 13758-1+A1:2007

Wood

Strength Class (Bending, Tension, Compression, Modulus of Elasticity)	C24 (SS)	EN 14081-1:2005+A1:2011; LVS EN 338:2021
Fire Reaction Class	Ds2-d0	EN 14081-1+A1:2011
Biological Resistance to Fungal Attack	Class 5	EN 14081-1+A1:2011

Metal		
Product Type	Cold-formed welded steel tube (ERW)	EN 10219-1
Steel Grade	S235JR	EN 10219-1
Thickness (selected)	3 mm / 4 mm	
Chemical Composition (% by mass)	C: 0.074 / 0.074 Si: 0.018 / 0.018 Mn: 0.547 / 0.547 P: 0.012 / 0.012 S: 0.008 / 0.008 Al: 0.027 / 0.027 Nb: 0.001 / 0.001 Ti: 0.001 / 0.001 V: 0.002 / 0.002 Mo: 0.002 / 0.002 Cu: 0.009 / 0.009 Cr: 0.016 / 0.016 Ni: 0.010 / 0.010 Sn: 0.002 / 0.002	EN 10219-1 chemical limits
Yield Strength (ReH)	354 MPa (avg)	Min. 235 MPa (S235JR)
Tensile Strength (Rm)	475 MPa (avg)	360–510 MPa
Elongation (A5)	31.3%	≥24%
Hardness (HB)	128	Approximate
Impact Test (KV @ 23°C)	150 J	Typical value
Visual and Dimensional Control	Positive result	Complies with EN 10219-1
Weld Seam NDT (Eddy Current)	OK	Non-destructive test
Weld Appearance	No discontinuities detected	OK
Surface Condition	Bright, clean, dry	Visual inspection
Conformity Certification	CE & UKCA	EN 10219-1 / EN 10219-2
Manufacturer’s Declaration	Material complies with order & EN 10219-1	Signed by Dott. Michele Massa