

**PANEL CABIN RANGE TECHNICAL SPECIFICATION**

<b>TECHNICAL DATA</b>	<b>Earthquake conditions</b>	1st degree	<b>Metal Parts</b>	ST 37 Galvanized metal
	<b>Climate conditions</b>	Suitable for 3rd climate zone	<b>Cement Board</b>	TSE 634-2 Cement board
	<b>Snow Load</b>	80 Kg/m <sup>2</sup>	<b>Insulation</b>	EPS TS EN 13163
	<b>Wind Speed</b>	80 Km/Hour (Cabin must be fixed to the ground)	<b>Chassis load capacity</b>	200 Kg/m <sup>2</sup>
	<b>External Wall Transmission Coefficient</b>	0,46 W/m <sup>2</sup> K	<b>Roof Transmission Coefficient</b>	0,26 W/m <sup>2</sup> K
	<b>Floor Transmission Coefficient</b>	1,24 W/m <sup>2</sup> K	<b>Floor Loading Capacity</b>	200 kg/m <sup>2</sup>
<b>FLOOR</b>	<b>System</b>	Cabin base is made of specially shaped steel construction consisting of single piece box profiles with dimensions 20*40 - 30*50. The ground should be balanced and flat.		
	<b>Floor coating</b>	Cement board, Fibercement or similar products are used for floor coating.		
<b>ROOF</b>	<b>System</b>	Sandwich panels filled with specially shaped EPS isolation are assembled by being joined the corner posts.		
	<b>EXTERNAL Panel</b>	Ral 9002 electrostatic painted steel sheet.		
	<b>Inner Panel Coating</b>	Ral 9002 electrostatic painted steel sheet.		
	<b>Panel Insulation</b>	40mm thickness, 14kg/m <sup>3</sup> density, EPS. Fire class E. odorless and anti-rot. Provides heat and sound insulation.		
	<b>Roof Insulation</b>	Panels produced by injecting 42 density polyurethane with high pressure machines and using new generation polyurethane provide high heat and sound insulation.		
	<b>Inner surface coating</b>	Ultraviolet radiation resistant, polyester-based, off-white colour, isophthalic acrylic based special gelcoat is used, which gives the cabin washable, anticorrosive, and rustproof features.		
	<b>Outer surface coating</b>	Ultraviolet radiation resistant, polyester-based, RAL 7043 colour, isophthalic acrylic based special gelcoat is used, which gives the cabin washable, anticorrosive, and rustproof features.		
<b>DOORS</b>	<b>Outer Door</b>	PVC hinged door. Door lock and doorhandle are chosen from TSE certificated products. Outer door dimensions 71,5x184,5 mm ,4 mm thick glass in the upper part of the door is used. The bottom part is covered with 0.40 mm RAL 9002 painted micor-ribbed galvanized steel sheet from outside and PVC wainscot from inside.		

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<b>WINDOWS</b>	<b>Window</b>	Aluminum frame painted with white coloured electrostatic powder.	
	<b>Glass</b>	The cabin's window glass is 4 mm thick tempered glass (automotive glass). When glass is broken it doesn't harm people.	
	<b>Metal Parts</b>	2 mm thick galvanized steel profile chassis is used. Construction is not painted.	
<b>PAINT</b>	<b>External and internal facade</b>	RAL 9002 ELECTROSTATICAL PAINTED GALVIZED METAL SHEETS	
	<b>Corner Joining Brackets</b>	RAL 7043	
	<b>Extrusion Corner Pillar</b>	RAL 7043	
<b>OUTER CONNECTIONS GROUND CONNECTION OPTIONAL ACCESSORIES</b>	<b>GROUND CONNECTION</b>	Concrete ground must be 20 cm wider than the cabin. Outer connections of electricity, clean water and waster water are the responsabilites of the customer.	
	<b>OPTIONAL ACCESSORIES</b>	Optional accessories, windows, counter, shelves, sinks, blinds, shutters, partitions, toilets can be added.	
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<b>WEIGHTS</b>	<b>PC1313 - 1.35 x 1.35m</b>	200kg	
	<b>PC2613 - 2.6 x 1.35m</b>	300kg	
	<b>PC2121 - 2.1 x 2.1m</b>	400kg	
	<b>PC2621 - 2.6 x 2.1m</b>	600kg	