

.Technical details

Container module Technical details	
Production capabilities	Contract annex ""technical drawings"" of the ordered product sizes specified
Metal construction parts	275 g galvanized sheet st 37
Cement-bonden particleboards	EN 634-2
General details	
Seismic zone	1
Climatic zone	3
Snow load	80 Kg/m ²
Wind load	80 km / h (under the condition that the product is fixed to the ground)
Expanded polystyrene (EPS)	DIN EN 13163
Exterior wall conductivity	0,46 W/m ² K
Roof conductivity	0,26 W/m ² K
Floor heat conductivity	1,24 W/m ² K
Floor load capacity	200 Kg/m ²
Floor	
Construction	Specially shaped welding profile and screw connection in use. The product must be placed on a flat and stable surface.
Floor covering	2 mm thick PVC vinyl is used on 14 mm thick cement-bonden particleboards.
Wall	
Costruction	Specially shaped EPS-filled sandwich panels or rock wool, glass wool and PU can be installed as required.
Exterior surface coating	External surface coatings are painted in RAL 9002 electrostatic paint.
Internal surface coating	Internal surface coatings are painted in RAL 9002 Electrostatic paint.
Wall insulation	Produced with 40 mm thick 14 kg / m ³ polystyrene foam (EPS) fire class B2 fire resistant, full thermal insulation, healthy and safe materials.
Roof	
Roof system	A roof system consists of specially shaped 50 mm PU sandwich panel and 50 mm mineral wool. Optionally, rock wool with thickness from 50 mm up to 100 mm or PU sandwich roof panels can be used. Roof is specially designed for the climatic condition of Germany
Roof insulation	Fire behavior according to TS EN 13501-1B-s2; d0 for PUR-insulated roof panels, B-s1; d0 for PIR-insulated roof panels
Exterior surface coating	Electrostatic painted steel sheet RAL 9002 outside surface coating
Inner surface coating	Electrostatic painted steel sheet RAL 9002 internal surface coatings.
Doors	
Enterance door	40 mm sandwich panel with metal frame and special metal reinforced PVC formwork profiles with gasket.
Interior door	Electrostatic galvanized and painted metal cabinet mounted on MDF sliding door. (1980X755mm)

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Fenster	
Window	990 x 1190 mm PVC window. It is the only one that can open 90 degrees.
Schwelle	A PVC joinery is used on the inside of the windows.
Glass	Double glazed glass is used.
Paint	
Exterior and interior	RAL 9002
Metal parts	RAL 9002
Electrical installation	
Type	Surface-mounted and flush-mounted
Cable	3x2.5 for sockets and 2x1.5 mm cable certified by the Institute for CE, NYM, for lighting.
Lighting	CE certified lamps are used.
Power outlet and light switch	Each room is equipped with power sockets and light switches.
Water installations	
Circulation	On wall surface
Construction	Acrylonitrile-butadiene-styrene copolymer is used.
WC	CE certified ceramic products are used.
Shower trays	Acrylic-based CE certified products are used.
Washbasin	CE certified products are used
Supply pipe	PPRC marked CE certified materials are used.
Discharge pipe	CE certified PVC materials are used.
Accessories	Mirror, soap dispenser, etc. CE certified materials are used.
WC-Shower cabin	
Ventilation	For shower and WC ventilation, an opening of 210 mm x 250 mm is used. In the corridor there are 600 mm x 400 mm double side windows on opposite side walls (short side)
Floor coverings	The floor of the shower is completely covered with PVC.
Door	For the toilet are used 800mm doors that open outward.
Lighting	In the hallway, a moisture-resistant luminaire with a socket of 2x18
Shipping	
Transporting is done with specially designed clamps and columns	
BNS Modul Bau has the right to make changes in the technical data.	