

| DIAMOND SERIES CONTAINER TECHNICAL SPECIFICATIONS | | | | | |
|---|---|--|---|-----------------------------|--|
| Standard Sizes of Containers are 240x900x264 cm and 240x600x264 cm | | | | | |
| TECHNICAL DATA | SNOW BURDEN | 140 kg/m ² | Exterior Wall Heat Conductivity U Value | 0,18 (W/m ² K) | |
| | WIND SPEED | 110 km/h | Roof U Heat Conductivity Value | 0,18 (W/m ² K) | |
| | FLOOR CHASSIS CAPACITY | 500 kg/m ² | Bottom U Heat Conductivity Value | 0,18 (W / m ² K) | |
| CARRIER SYSTEM | BOTTOM AND TOP CHASSIS | 3 mm Special reshaped Steel by Beam Bender ST37 | | | |
| | CORNER COLUMNS | 100*100*4 mm Tubular Steel | | | |
| CEILING SYSTEM | Special Insulation System | 60 mm Sandwich Panel (0,40 mm Ral 9002 Colour Sheet Metal + 60 mm 40 Density Polyurethane + 0,40 mm Ral 9002 Sheet Metal) + 50 mm Suspended Roof Full of Rockwool 150 Density + 12 mm Gypsum Board | | | |
| EXTERNAL and INTERNAL WALL | EXTERNAL WALL SYSTEM | 12 mm Fibre Cement Decorative Board + 30 mm 150 Density Rockwool + 8 mm Fibre Cement Board + 50 mm 150 Density Rockwool + 12 mm Red Gypsum Board + 12 mm Green Gypsum Board | | | |
| | INTERNAL WALL SYSTEM | 12 mm Green Gypsum Board + 12 mm Red Gypsum Board + 30 mm 150 Density Rockwool + 12 mm Red Gypsum Board + 12 mm Green Gypsum Board | | | |
| | HEIGHT | 2640 mm (The Overall Size of Under Carrier Eyebolt) | | | |
| BOTTOM | FRAME | 3 mm Special Reshaped Steel by Beam Bender + 40x80x1,5 mm ST37 Tubular Steel (14 Pieces for 240x600 models) (37,5 cm Periodicity) | | | |
| | BOTTOM INSULATION | 0,40 mm Galvanisation Sheet Metal + 40 mm Sandwich Panel + 80 mm 150 Density Rockwool | | | |
| | COVERING | 16 mm Fibre-cement Profiled Sheet (Betopan as Brand) | | | |
| | FLOOR COVERING | 1 mm pvc Floor Covering + Laminated Flooring | | | |
| DOORS | EXTERNAL DOORS | Size (Clear-Cut Door Space) | 900*2000 mm | | |
| | | Door | Decorative Door | | |
| | INTERNAL DOORS | Size (Clear-Cut Door Space) | 800*2000 mm and 900*2000 mm | | |
| | | Door | Decorative Door - Door Handle | | |
| | WC DOORS | Size (Clear-Cut Door Space) | 700*2000 mm | | |
| Door | Decorative Door | | | | |
| WINDOW & GLAZING | NORMAL WINDOWS | 97*100 cm Heat Insulated (Double Opening Double Sash) (Krauss Branded, White Colour) | | | |
| | WC and Shower Volumes | 350*350 - 350*450 mm Vent-Hole | | | |
| | NORMAL WINDOWS | 4+10+4+10+4 Trio Glazing | | | |
| PAINT | EXTERIOR PAINT COLOUR | Ral 9002 | | | |
| | COVERING MATERIALS and CORNERS | RAL 7015 | | | |
| ELECTRICITY SYSTEM | WIRE | 240 Volt Capacity (CE-TSE Certified, 3*2,5, 3*1,5 ve 2*1,5 mm ² 1034 NVV) Hologen Free | | | |
| | SOCKETS and BUTTONS | CE-TSE Certified Surface Mounted Switches and Sockets | | | |
| | SOCKET WIRES | NVV 3*2,5 mm ² (TSE-ISO-CE) (HALOGEN-FREE) | | | |
| | ILLUMINATION WIRES | NVV 3*1,5 mm ² (TSE-ISO-CE) (HALOGEN-FREE) | | | |
| | BRAKER and FUSE-BOX | CE-TSE Certified 10,16,25 and 32 Amp Brakers with 4 - 6 - 8 - 12 Covered Overfill Fuse | | | |
| | LIGHTING FIXTURES | Normal Places | LED | | |
| | | Wet Places | LED | | |
| | | Above External Door | LED | | |
| | *NOTE | *There is residual current device. | | | |
| | | *Each wall socket is 240 W | | | |
| *Different usages (stove, air conditioner, household electricity appliances) should be illustrated on the project and the wires should be ready according to project. | | | | | |
| SANITARY SYSTEM | PIPE (CLEAN WATER) | Φ20 PPRC Pipe | | | |
| | | Waste Water Pipes | Φ 50 and Φ 100 PVC | | |
| | PIPE (WASTE WATER) | Lavabo | OPTIONAL | | |
| | | Lavabo Tap | OPTIONAL | | |
| | | Toilet | OPTIONAL | | |
| | | WC Stone | OPTIONAL | | |
| | | Shower Tray | OPTIONAL | | |
| | | Shower Faucet | OPTIONAL | | |
| | | Kitchen Counter | OPTIONAL | | |
| | | Main Line Connection | Waste and Clean Water Pipe Major Connections - Employer | | |
| GUARANTEE CONDITIONS | Fermendi Prefab Construction Technologies products are 3 years guaranteed for manufacturing and montage faults. There is also material warranty for 30 years. For any kind of fault situation, the fault should be identified clearly and the documents, which are wanted by Fermendi Prefab like 30 cm, 2m and 10 m distance photos of fault, must be given to company to fix the mistake. On the other hand, the product is even under warranty there should be no service. After a complete appeal, FERMENDI PREFAB will cover the service need of product in 5 weekdays for free. The problems, which happened during transport or occurs because of usage, are not under warranty. | | | | |