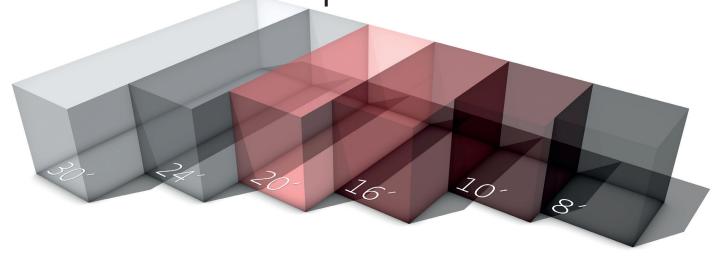
Trimo modular space solutions



Modular unit

The modular unit is designed as a light construction consisting of floor and roof frames and corner profiles. The construction enables the connection of individual modular units in longitudinal and transverse directions without limits. It also enables the stacking of units in two additional floors (ground floor + first floor) or even 3 floors (ground floor + 2 floors) with a minimum of three units per floor.

The modular unit's effective life span is minimum of ten (10) years under harsh field conditions and more than thirty (30) years with the correct maintenance. It is capable of sustaining at least three (3) assemblies and three (3) disassembles during its life span.

Modular units can be delivered as a flat-packed (in Trans-packs 660 mm high) with completely pre-assembled floor and ceiling. Units can also be delivered factory assembled. The assembled modular units are solid enough to enable transport and handling by any ISO means (crane, forklift, spreader etc.).

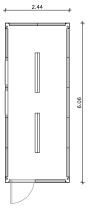
Units can be completely fire proof with the walls, floors and ceilings being constructed of class "A" non - combustible materials.

Trimo Modular Unit Dimensions (m)

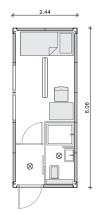
	Length		Width		Area m2	
Туре	External	Internal	External	Internal	External	Internal
8'	2,435	2,235	2,435	2,235	5,93	5,00
10'	2,989	2,789	2,435	2,235	7,28	6,23
16'	4,88	4,68	2,435	2,235	11,88	10,46
20'	6,055	5,855	2,435	2,235	14,74	13,09
24'	7,325	7,125	2,435	2,235	17,84	15,92
30'	9,155	8,955	2,435	2,235	22,29	20,01

Standard external/internal height of the units are 2,591/2,326m and 2,765/2,500m.

Layouts / 20' modular unit



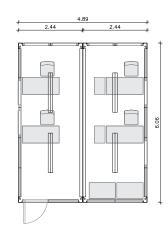
Standard unit



VIP accommodation



Ablution unit



Office unit





Standard Technical Specifications

CONSTRUCTION / STEEL FRAMEWORK

Cold Rolled Steel profiles 2mm to 4mm for Floor Frames in S235 JR or S355 As per ISO 161 4 each of PVC rainwater pipes, outside diameter 50 mm in corner pillars **Basic Structure**

Corner Fittings Drainage

LOADINGS

Wind Load 0.5 kN/m² Floor Permissible loads & Composition 2.00 kN/m² Ceiling Permissible loads & Composition 1.00 kN/m²

External Colour

Frames RAL 9002; Walls RAL 9002 Internal Coloui

Walls RAL 9002; Floor Grey; Ceiling White

INSULATION & FINISHING

Floor

Mineral wool of 100 mm, PVC vinyl floor covering 1.5mm over 18 mm thick Cement board U= 0.33 W/m²K

Ceiling Mineral wool of 100 mm,

Chipboard in a thickness of 8 mm with a foil in white

colour U= 0.33 W/m²K

External & Internal walls

Fire resistant Rockwool Sandwiched TRIMO Panels 60 mm thick (external/ internal steel sheet 0.5 mm, mineral wool 60 mm) EN 14509:2006/A:2008 CE marked U = 0.61 w/m²k

DOORS and WINDOWS

Aluminium single doors, furnished with a cylinder lock and size of 2000 x 850mm / 750mm, filled and white colour. External & Internal door

Windows

PVC windows, dimensions 885/1200 mm, glazed with insulation double-layer glass in a thickness 4/15/4 mm, with mechanism to open side and top (tilt and turn type) and furnished with PVC

rolling shutters.

ELECTRICAL INSTALLATION

BS 7671 / UL Listed (US) / EU standard electrical installation

Voltage Voltage 230/400 V and 50 Hz.

CEE connection plug / socket, 5 pole, 32 A, 400 V, mounted on the outer wall of the container, recessed into top frame in the upper corners of the shorter side wall. Network connection

Inner distribution system

Electric distribution box, NyM-J cables of suitable dimensions, flush-mounted, IP-40 (dry rooms) or IP-65 (wet rooms).

Flush-mounted switches and sockets Fluorescent, ceiling lights Fire/Smoke detector Fittings

SANITARY EQUIPMENT

Distribution of sanitary water Waste pipe

Poly-propylene pipes PVC pipes, diameters 50 mm and 110 mm, surface-mounted

Ceramic sink with mixing tap, mirror and plastic shelf Ceramic toilet pan and urinal Monolith polyester shower cabin Fittings

Water heater Electric water heater

PACKAGING

Accomplishment Flat-Packed / Assembled / Packed in High-Cube Container

Optional Equipment

For complete comfort, highest functionality and an appearance to meet clients` requirements, there are several possibilities of optional equipment:

are several possibilities of optional equipment:

walls with inner wainscot of chipboard with a foil in white color
or wood pattern (bright maple)
doors: outer, inner, aluminium, steel, wooden, various, colors, glazed
windows: single panel, double panel, sanitary, with shutters, blinds, grat
for protection against burglary,
fork-lift openings,
interior equipment (complete kitchen, laundry, furniture),
outer and inner stairs,
fences and external terraces,
overhangs,
protruding roof,
secondary roofs and façades,
frames and walls in desirable RAL color,
electric HVAC systems (heaters, AC units),
additional reinforcements for floor load up to 10 kN/m2,
internal height and external width up to 3m,
painting system (galvanization) for corrosion classes according to ISO
standards.











