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ACCOMMODATION/OFFICE CONTAINER 20^{ft} type TRIMO

INTRODUCTION

GENERAL

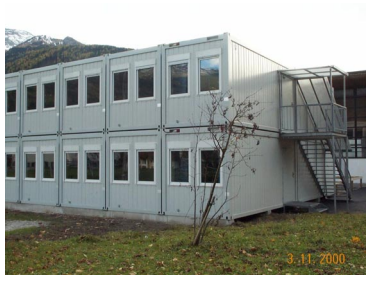
TRIMO Containerised accommodation and offices are quality products generated from years of supplying to the commercial market and against exacting standards of comfort, durability and ease of use. Considerable design effort in the past has eliminated traditional problems associated with living and working in containers.

TRIMO Containers enable fast construction of accommodation or business premises. They make selection and effort simple when quick and quality solutions are sought. The standard of the exterior and interior design and finish are such that they provide the maximum level of comfort and practicability whilst being rugged enough to survive the harshest conditions and usage for long periods.

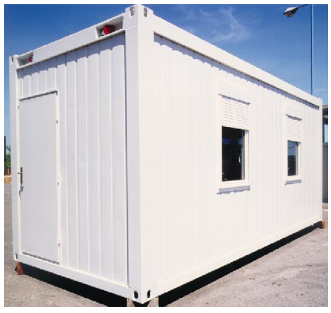
Trimo Containers offer:
Flexibility of dimensions to your requirements,
Inflammable and environmentally friendly materials (container panels are filled with mineral wool),
A range of colour options (RAL scale – the standard colour is RAL 9002),
Quick delivery and installation,
Free technical support,
After sales support.

The TRIMO Container is designed to be adaptable for many and varied purposes, and has been specifically designed to be suitable for international container transport. It has a light construction consisting of floor and roof frames and corner profiles, all the standard connections for lifting and fixing or compounding, and is normalised to ISO shipping container dimensions. The wainscots of the Container are made of light insulation panels and offer pleasant climate in the interior due to their building and physical properties. Used materials are environmental friendly.

Containers can be used as independent units. They can even be put together in large compound facilities; horizontally in longitudinal and transverse directions without limits, or in floors. A system of interchangeable wall panels offers great flexibility in floor plans. A wide selection of additional elements enables the installation of containers that suit the environment.



The TRIMO range of containerised products includes the essential living components for personnel living and working in remote conditions or where the necessary infrastructure is lacking. These designs have been perfected through many years. They includes Accommodation, Offices, Laundries, Ablutions, Kitchens, Recreational areas, Briefing Rooms and Cinemas, Shops, Stores …



TRANSPACK

The great advantage of Trimo Containers is that they can be delivered in Transpacks (660 mm high). 4 Transpacks can be stacked and transported within the standard ISO 20 foot envelope.

The Transpacks (and also Assembled Containers) are solid enough to enable transport and handling by any ISO means (crane, forklift, spreader etc.). During transport of Transpacks a steel non-slip inserts are placed between each ISO corner to secure Transpacks from sliding. Material shipped inside the trans-pack is packed so as to ensure complete immobility during the transport by all kind of roads.

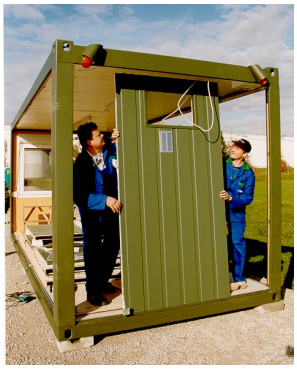
Transpack has completely pre-assembled floor (with PVC floor glued over) and ceiling (with all electrical installations build in, such as el. box, lamps, cables), what means a simple and quick assembly on site.

FLOOR

The chipboard floor is soundproofed, fully insulated and sealed underneath with galvanised steel sheet.

The final glued vinyl covered floor is slip resistant and gives a durable and pleasant finish.

WALLS

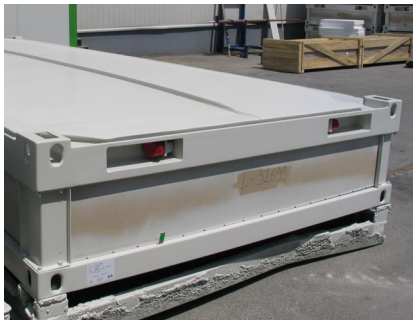


The walls of the Container are made of light insulation panels and have excellent physical properties, creating a pleasant interior environment. All materials and methods used in construction are environmentally friendly. The both sided cladding of the panels is hygienic and easy to clean.

Each Container has 5 wall panels along the long sides and 2 panels on each short side.

These panels may be plain or have window, door, Air Conditioner, Ventilation grill, etc. build in. Each panel is completely interchangeable with each other, or can be removed completely, thereby permitting multiple layouts and joining of single containers together to form larger buildings and complexes.

ROOF



The galvanised, insulated and slightly convex steel roof is maintenance free. It has a high snow loading and it is build within the frame of the Container, permitting Containers to be stacked without the need for any modification.

The rainwater and melting snow is ducted away into integral guttering along all four sides into down pipes inside the four corner posts, for protection and aesthetics.

The insulation is mineral wool, giving improved fire resistance and reduced toxic fumes in the event of a fire.

WINDOWS

The 2 large, PVC, single fold, white colour windows are double-glazed to reduce noise and prevent heat loss. Each window is tilt-and-turn for maximum flexibility and comfort.

The external shutter and fly screen give additional comfort and a measure of added security.

DOORS

The external aluminium doors are fully filled and insulated. The both sided metal sheet, insulation, fixation with three hinges and encoded door locks ensure a high level of security and noise reduction to the occupants.

They are also provided with a simple hold-open device.

INSULATION

The mineral wool insulation in the floor and roof of 100 mm thick and walls of 60 mm thick is environmentally friendly and gives a high level of fire protection and reduced hazard of toxic fumes in the event of a fire resistant to fire. Similarly the doors filled with 40 mm polyurethane.

ELECTRICAL SYSTEM AND CERTIFICATION

The electrical system is constructed to IEE and EU regulations.

INTERNAL ELECTRICAL WIRING AND POWER DISTRIBUTION

All electrical works are as much as possible pre-assembled. Each container is fitted with its own main distribution board with circuit breaker and automatic fuses build in.

The cabling is ducted through the already prepared conduits in the walls to the electrical light switches, fluorescent lighting and power sockets. Thus there are no unsightly trailing wires or the need for extra ducting.

An additional benefit of this design is that furniture and stores can be pushed right against the walls without interference with or causing damage to the electrical system.

EXTERNAL ELECTRICAL CONNECTION

The standard 5-pole 5x32A, 400V 3-Phase, socket and plug are mounted along the short side. They are build into the top framework to prevent damage in transit or in use. In addition their positioning permits containers to be joined closely together, side to side, if required.

Each container is provided with a rubber cable 5x6 mm^2, of appropriate length, with CEE plug and socket 5x32A at each end to enable connection between close-coupled containers.

EARTHING

Each container has a galvanized connector with a cross clip welded on the bottom frame for earthing connection between Containers. In addition a flexible copper cable is provided for earthing in the field.

AIR CONDITIONING, HEATING AND VENTILATION

One Electric compact room Air conditioner will be provided for each container, with mounting brackets, gasket seals and screws enclosed and metal frame build into wall panel. Separate one Electric wall heater, natural convection type, with a thermostat is provided opposite the external doors. Also two aluminium ventilation grills are installed - one into wall panel near the top and one into lower part of the door.

COMPLIANCE WITH INTERNATIONAL STANDARDS

TRIMO is accredited for the design, manufacture and supply of Containers and roof structures:
- ISO 9001:2000 - Quality Management System
- ISO14001:2000 – Environmental Management System
- ISO 18001:1999 – Occupational Health and Safety Management System - Specification

TRIMO and TRIMO products also comply with the national legislation/regulations and relevant international standards.

WARRANTY

The complete Container, with all the components and equipment, has warranty against defects in material and workmanship for one (1) year after delivery.

LIFESPAN OF THE CONTAINER

The container's effective life span is minimum ten (10) years under harsh field conditions. It is capable of sustaining at least three (3) assemblies and three (3) de-assemblies during its life span.

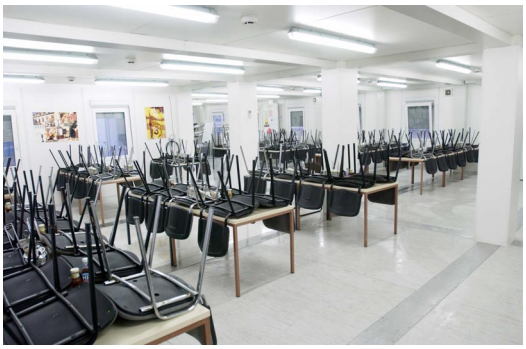
GROUND PREPARATION

The light construction of the containers and the use of a number of simple, robust supports means that the preparation of the ground is simplified as far as possible. In fact, any reasonably flat and compacted ground can accept Trimo Containers immediately.

ADDITIONALS

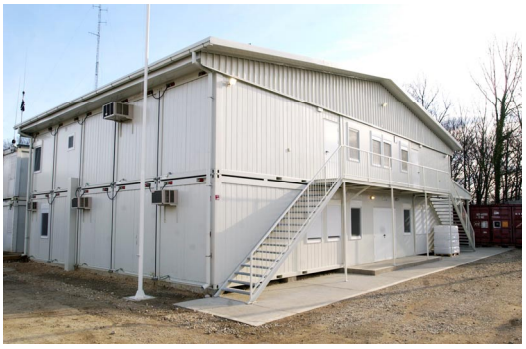
OPEN PLAN OFFICES

The TRIMO Containers can be compounded by being clamped together and sealed against the environment. By the removal of internal walls large open plan areas can be created. This process can be continued indefinitely in two dimensions. Due to this TRIMO has prepared all standard Connection kits.



SECONDARY ROOFS

Adjacent Containers are clamped firmly together and the joins are environmentally sealed. In areas of high rainfall or where additional storage space is required above the compounded container structure, a secondary roof can be provided over the whole structure. By being built-in, the danger of accidental damage is reduced and is more sightly to the eye.



The roofs can be insulated or plain galvanised steel profile sheet. Steel supports and cross-members give the roof a high strength. Additional sealing of the ends provides greater environmental protection. Integral gutters and down pipes built into the corners, removes water quickly and effectively.

TRIMO Trebnje, July 2004