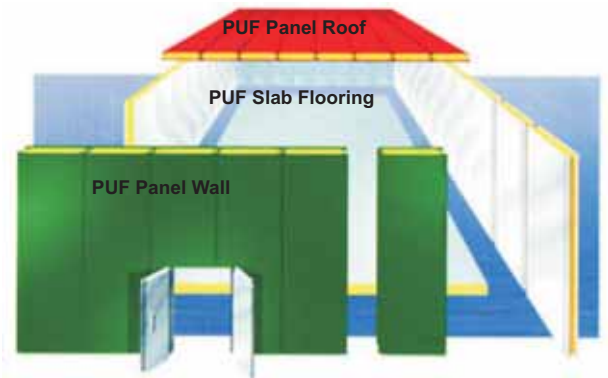


CoolCabin

COOLSWAY's panelling and insulation solution



Coolsway CoolCabins are those cabins or rooms where PUF panels are assembled together by cam locks as well as tongue and groove arrangement and no extensive steel structure is needed. Either the PUF panel based structure is sufficient to take the loads or bare minimum steel structure required.



COOLSWAY Plant at Ghaziabad

For more information mail at: sale.coolsway@tnsworld.com



ISO 9001:2008, ISO 14001:2004 and OHSAS 18001:2007 certified company

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Walk in Cooler & Freezers

PUF Panel walk in coolers are used for stocking food products and other products which are to be stored for requiring temperature range from +5°C to -25°C. These PUF panel walk in coolers are made out PPGI or SS sheet with PUF injected inside. These walk in coolers panels are assembled with cam lock system. These walk in coolers are cost effective and easy to clean. Panels are available in 60mm, 80mm, 100mm 120mm and 150mm thick PUF insulation.

Specially designed CoolGate doors of COOLSWAY are added advantage for customer to have complete unit form single source.

Telecom Shelter

All specifications as per customer need. Sample case specifications are mentioned below:

Size	2500(W)x4000(D)x2700(H)
Thickness	
a. Wall Panel	60 mm
b. Inner skin	0.6 mm PPGI
c. Outer Skin	0.6 mm PPGI
PU Foam	
a. Thickness	>58.8mm for 60mm panel
b. Density	>= 40Kg/ Cub m
c. K Value	0.0214 W/MK
Lock	From standard make, cylinder type
Flashing	0.6mm PPGI for inside and 1.0mm for outside joints
Floor	Floor with 18mm marine ply board and PUF panel 60 with internal reinforcement as per floor loading specifications
Permissible floor loading	2500 Kg/ Sqm
Permissible wind speed	180 Km / Hr
Door	
a. Type	Integrated door panel with aluminium channel, 100% air tight by rubber gasket. Single leaf
b. Opening	1000x1200 mm



Door Canopy: 1200mm wide with 0.6mm PPGI sheet

Anti Static Flooring: 2.38mm thick anti static three tier mat

Earthing for antistatic : Copper foil, 50mm wide, 0.05mm thick laid below 3 layer PVC anti static mat connected with earth at any one point



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There are numerous applications of PUF panels as CoolCabin. Some very common applications are mentioned below:

- ~ Telecom Shelters
- ~ Residential use gym, garage, store, guest room, servant room
- ~ Site offices
- ~ Defence utility specially at high altitude residences and mobile toilets
- ~ Schools
- ~ Telephone Booths
- ~ Traffic shed
- ~ Security Cabin
- ~ Farm houses
- ~ Office Canteen
- ~ Dormitories
- ~ Roof top temporary office
- ~ Office Stores at roof top



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Roof Top Gym in CoolCabin

See inset, a residential building, where gym for personal use is set up inside CoolCabin above rooftop.

A typical specifications for personal gym:

L x W x H – 4000 mm x 3000 mm x 2700 mm

Door – 1000 mm x 1200 mm with lock and door closer

Window – Aluminium frame sliding window

Floor – Existing concrete floor can be used, optionally wooden floor with PVC mat may be opted.

No steel structure needed, no civil and concrete work required. Fast to deploy, it will take only 3-4 days to erect to get a functional neat and clean looking personal gym

Other Residential Utilities: CoolCabin may be used for garage, store room, guest room, servant room etc

Roof Top Office in CoolCabin

For small spans ranging 3 to 4 meters, steel structure is not required. Office can be made either with single slope or double slope.

All panels are attached with CAM lock arrangement. No civil and concrete work needed. Being a temporary structure, immediate need of office may be fulfilled in case of urgent requirement. The space can also be developed as office canteen.

Inside partition walls may be used of PUF panels so very minimum carpentry work required for making office operational. Optionally all concealed electrical work may also be planned.

PUF panels of 60mm with 0.5mm PGCI sheet both side are good enough to provide insulation as well as mechanical strength.



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*All data, design, specifications and calculations are indicative and for reference only. This may be changed.

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