MegaClad

PRODUCT CATALOGUE · 2026

# Partition Panels

**Insulated interior walls, in place of aluminium partitions.** For supermarkets, factory floors, offices and hospitals: one panel, finished on both faces, locked edge to edge and made to the height of your building.



SHOWN
**Partition inside a factory**

SHEET
**00**

**30–80 mm**
PUF core thicknesses

**Full height**
Made to the height you need

**Doors & glass**
Built into the wall

**15+**
States delivered to

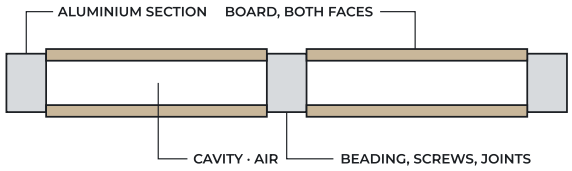
| SHEET | WHY SWITCH | SECTION |
|---|---|---|
| 01 | Partition panel compared with an aluminium partition | Not to scale |

# One panel instead of a frame and boards.

An aluminium partition is a frame of sections, filled with boards or glass and finished on site. A MegaClad partition is a single insulated panel that arrives finished on both faces.

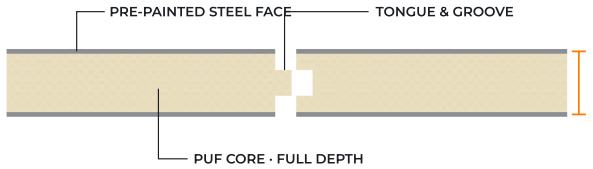
### Aluminium partition

Plan section




### MegaClad partition panel

Plan section




| | ALUMINIUM PARTITION | MEGACLAD PARTITION PANEL |
|---|---|---|
| **What goes up** | Sections, infill boards or glass, beading and screws, put together on site | One panel, made to size at our plant and locked edge to edge |
| **Inside the wall** | Usually an air gap, unless insulation is added | Rigid PUF foam through the full depth |
| **Heat & sound** | Depends on the boards and what fills the cavity | Insulated by the foam: cooler AC rooms, quieter cabins |
| **Surface** | Board joints and beading, often painted on site | Factory-painted steel, smooth and washable |
| **Damp & pests** | Boards can swell when wet and attract termites | Steel and foam: nothing to rot or swell |
| **Tall walls** | Tall spans need extra framing | Panels made to the full height, up to a shed's roof |
| **Changing the layout** | Take apart and rebuild, boards rarely reused | Panels unlock and go up again in the new layout |

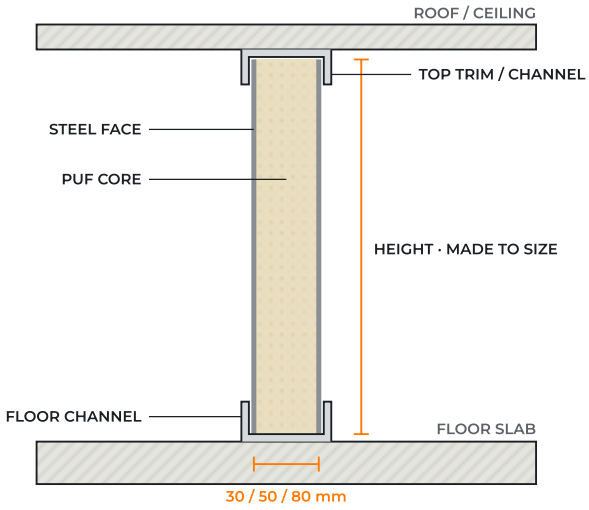
A general comparison. Aluminium partitions vary with the boards and glass used; for fully glazed fronts we combine our panels with glass.

# Steel, foam, steel. Finished both sides.

Rigid polyurethane foam (PUF) bonded between two pre-painted steel faces. It stands in a channel on the floor, locks to the next panel and is trimmed at the top, so the wall needs no plaster, paint or false framing.



VERTICAL SECTION, NOT TO SCALE




### Two steel faces

Pre-painted (PPGI) or stainless steel. Smooth, washable, finished at the factory.

### PUF core, full depth

Closed-cell foam bonded to both faces. Stiff, light, insulating and quiet.

### Channels & trims

Aluminium or steel channels at the floor and top, trims at corners and door frames.

# Walls for four kinds of space.

The same panel divides a shop floor, a factory, an office or a ward. Every photo here is from a job our teams fitted.

## A Supermarkets & retail

Shopfront walls, back stores, staff rooms and cash counters. Washable faces stay clean in food areas, and doors and windows go straight into the wall.

Shopfronts · Back stores · Staff rooms





## B Factories & warehouses

Production areas, QC labs, stores and dust-free zones divided inside the shed, at full height when needed. Panels go up while the plant keeps working.

Production zones · QC labs · Stores





## C Offices & cabins

Cabins, meeting rooms and corridors, in place of aluminium-and-board partitions. Insulated, so AC rooms stay cool and conversations stay inside.

Cabins · Corridors · Meeting rooms





## D Hospitals & labs

Wards, bays, labs and clean areas. Smooth, washable steel faces, with glazing where staff need to see through.

Wards · Labs · Clean areas

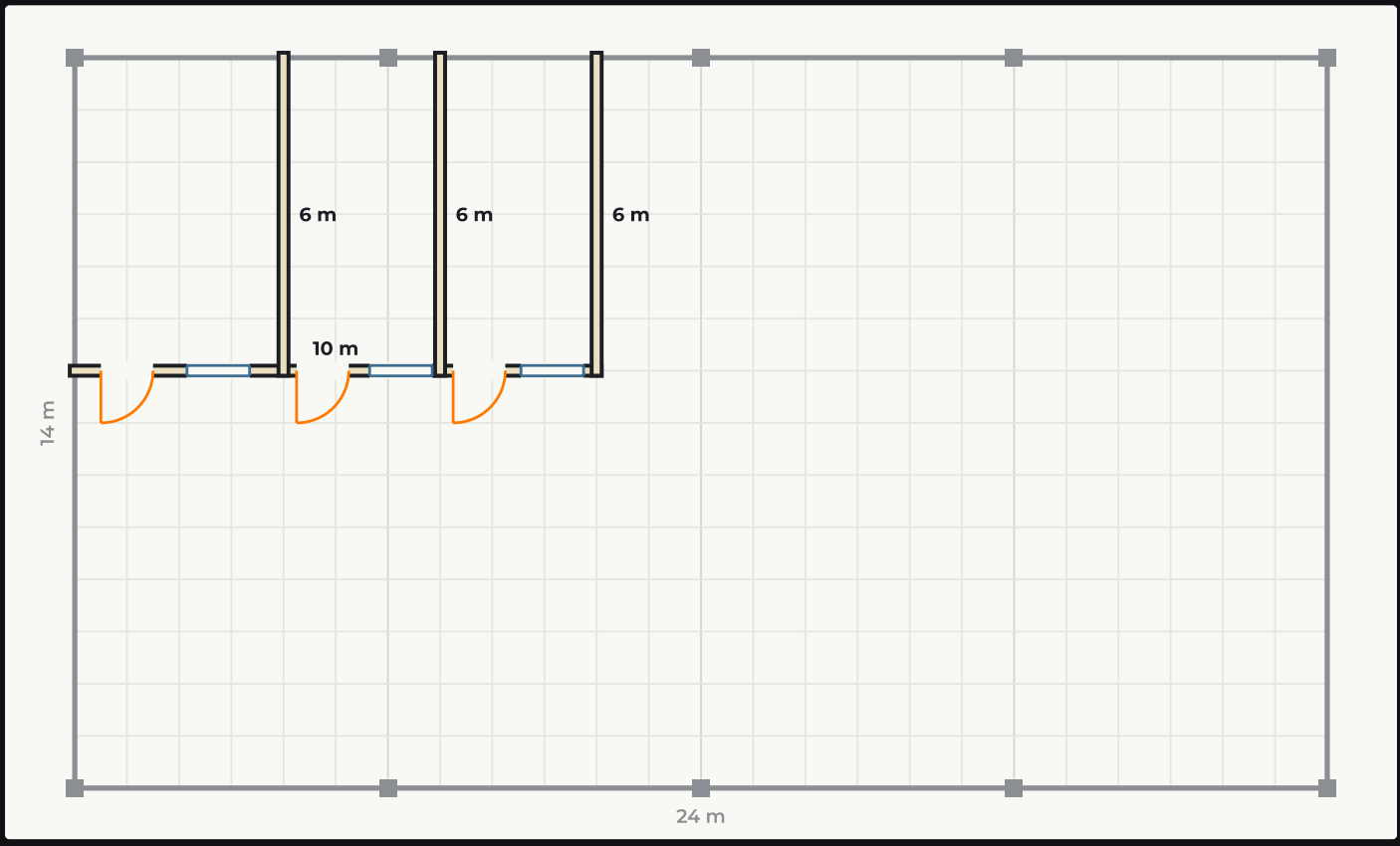




| SHEET 04 | PLAN YOURS<br>Sketch your partitions | GRID<br>1 m squares |
|---|---|---|

# Draw the walls. We'll quote them.

Drag across the floor to draw a wall, then drop in doors and windows. It adds up the running length and panel area as you go. Send the sketch to us on WhatsApp.




The floor is a 24 × 14 m shed, drawn on a 1 m grid; walls snap to half metres. Doors count as 1.0 × 2.1 m and windows as 1.2 × 1.0 m, taken off the panel area.

Sketch yours at **megaclad.com/catalog/partition-panels#planner** and send it to us on WhatsApp.

| 28 | 74 | 3 | 3 |
|---|---|---|---|
| Running metres | Panel area, m² | Doors | Windows |

| SHEET | ON THE JOB | PHOTOGRAPHED |
|---|---|---|
| 05 | A supermarket walled in partition panels | November 2026 |

# A supermarket, walled in panels.

A supermarket on the ground floor of a residential complex. Instead of brick or aluminium, its front walls are our partition panels, with double doors and window openings set straight into them.



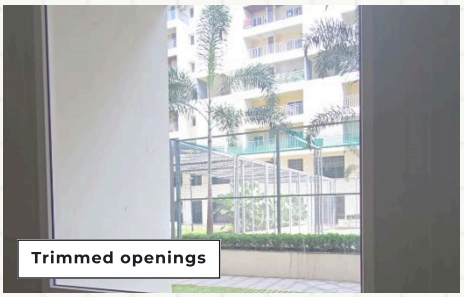
Entrance

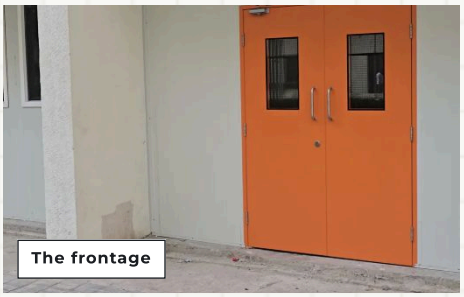

Window openings


Double doors


The panel face


From outside


Trimmed openings


The frontage

### Walls, doors, windows

Panel walls close in the shop floor between the building's columns, with the doors and windows fitted into the panels.

### Nothing to plaster

The panels arrive painted, so the shop front was ready without plastering or painting.

### Easy to change

If the shop grows or the layout changes, the panels can be taken down and refitted.

| SHEET | SPECIFY | MADE |
|---|---|---|
| 06 | Cores, faces and openings | To your drawing |

# Thickness, faces, and what goes in the wall.

Choose the core for how much heat and sound you want to keep out, then the faces and the openings. Height and length are made to your drawing.

## 30 mm



Dividing open space where heat and sound matter less: stores, sheds, back areas.

MOST CHOSEN

## 50 mm



Offices, cabins, supermarkets and wards. The everyday choice.

## 80 mm



AC rooms next to hot areas, labs, and rooms that must stay quiet.



### Doors

Single and double doors with vision panels, framed into the wall.



### Windows & glass

Fixed glazing for cabins, counters and wards, trimmed in the panel.



### Louvres & vents

Louvred openings where air needs to move between rooms.



### Trims & channels

Floor channels, corner and top trims for a clean, sealed finish.

| | | |
|---|---|---|
| CORE<br>**PUF (polyurethane)** | THICKNESS<br>**30 · 50 · 80 mm** | FACES<br>**PPGI · stainless steel** |
| COLOUR<br>**White as standard; others to order** | JOINT<br>**Tongue & groove** | ALSO USED AS<br>**Ceilings inside sheds** |

# Partitions we have fitted.

From supermarkets to factory floors and hospital wards.


Long wall with a door, factory

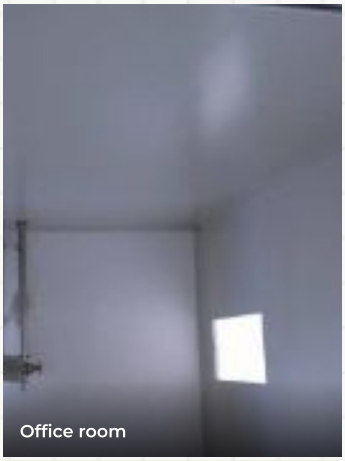

Supermarket doors


Office corridor

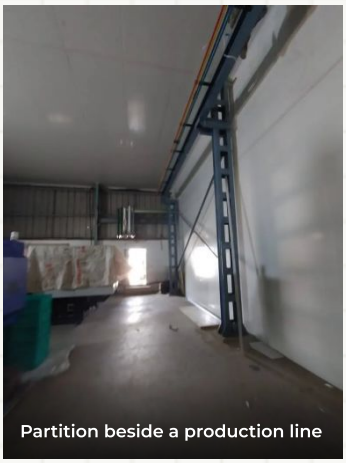

Full-height wall in a shed


Hospital bay


Panel ceiling under a shed roof

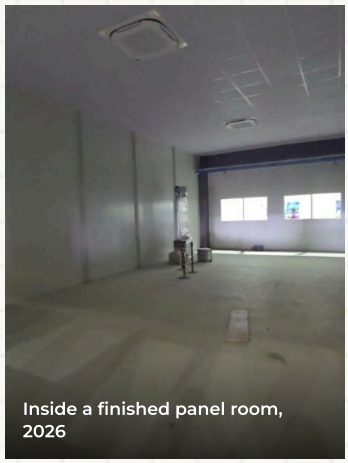

Office room


Supermarket windows


Partition beside a production line


Open hall with cabins


Rooms inside a new factory, 2026


Inside a finished panel room, 2026

| SHEET | ON SITE | CREW |
| --- | --- | --- |
| 08 | Measured, made, fitted | Our own |

# From your drawing to a finished wall.

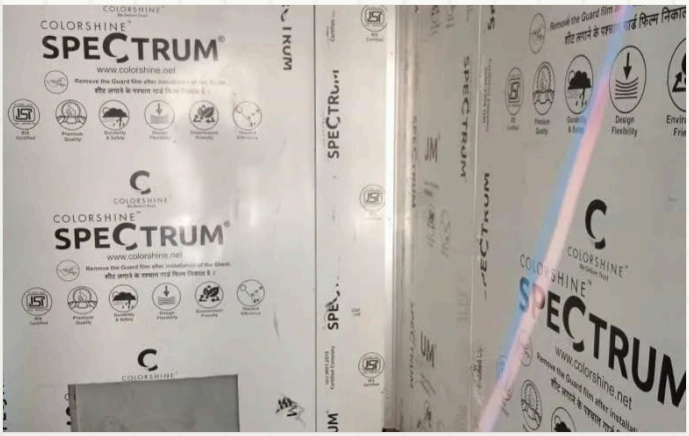
We measure, make the panels to size at our plant in Medchal, Telangana, and fit them with our own crews, often while your floor keeps working.



01 · MEASURE

### Site and drawing

We measure the floor and the clear height, and mark doors, windows and services on a drawing.




02 · MAKE

### Panels to size

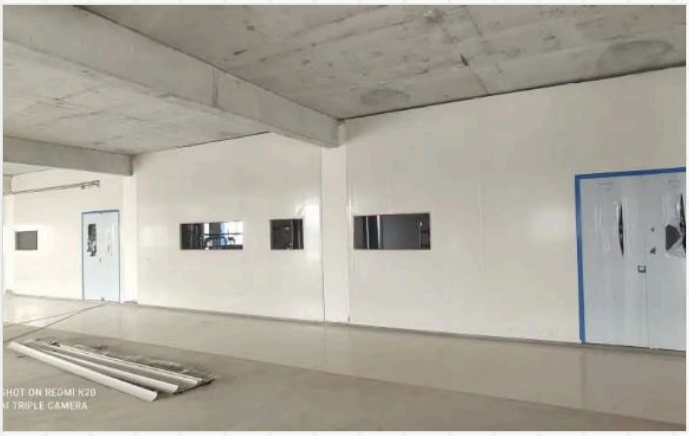
Each panel is made to the height of the wall and arrives with a protective film on both faces.



03 · FIT

### Walls go up

Channels fixed, panels locked in, openings cut, doors and glazing fitted, joints sealed.



04 · HANDOVER

### Film off, ready

The film comes off to a clean, finished wall. No plaster, paint or curing time.

| Made to height | 15+ states | Our own crews | 24–48 hours |
| --- | --- | --- | --- |
| Panels cut to your wall at our plant | Projects supplied across India | Channels, panels, doors and glazing | To plan a free technical review of your site |

| SHEET 09 | GET A QUOTE<br>Send us your layout | REPLY<br>24–48 hours |
|---|---|---|

# Send the layout. We'll quote the walls.

A hand sketch with lengths and the clear height is enough to start: tell us where doors and windows go. We plan a technical review within 24 to 48 hours, free of charge.

WhatsApp
+91 90302 92923 →

Call
+91 90302 92923 →

Email
megaclad.solutions@gmail.com →



**Insulated Panels catalogue**
Rooftop rooms, site offices and cabins



**Roofing Panels catalogue**
Trapezoidal and tile profiles, 13 colours