MegaClad

PRODUCT CATALOGUE · 2026



INSULATED PUF SANDWICH PANELS

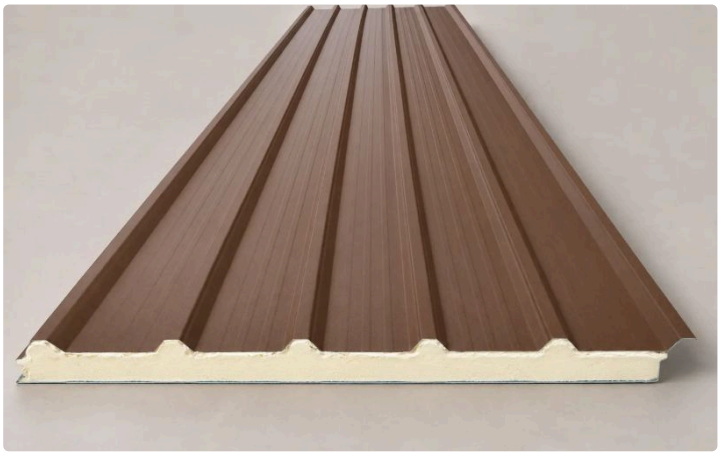
Roofing Panels

One panel does the job of a metal sheet, a layer of insulation and a ceiling. Made to length at our plant in Medchal, Telangana, in two profiles, four thicknesses and thirteen standard colours.

2	30–100 mm	13	15+
Profiles: trapezoidal & tile	Four core thicknesses	Standard colours	States delivered to

Three layers, bonded as one.

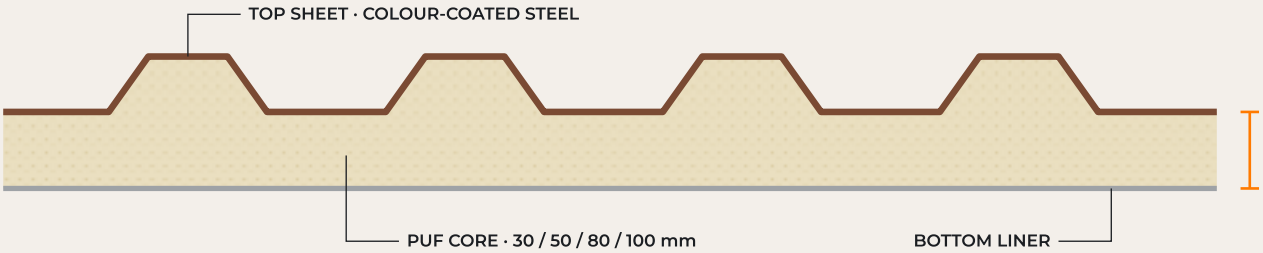
Two colour-coated steel sheets with rigid polyurethane foam (PUF) poured and cured between them. The result is a stiff, light panel that keeps heat out and goes up in a single fix.



Top sheet, ribbed
Colour-coated steel, rolled into ribs that carry load across the span and run rainwater off the roof.

PUF core, 30 to 100 mm
Closed-cell polyurethane foam. It fills the ribs completely, insulates, cuts rain noise and stiffens the panel.

Bottom liner
A flatter steel sheet that becomes a clean, finished ceiling from inside. No false ceiling needed.



Trapezoidal profile, section not to scale. Core thickness is measured from liner to the base of the ribs.

Keeps the heat out
The foam core stops the sun-baked metal roof from radiating heat into the room below.

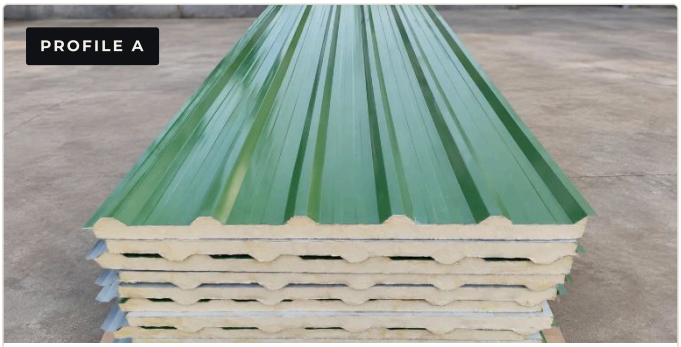
Light, yet strong
Steel skins and a bonded core make a stiff panel that needs a lighter structure.

Fast to install
Roof, insulation and ceiling go on in one fix. Our own teams install, with fasteners and sealants.

Weather-tight
Ribbed top sheet and overlapping joints shed monsoon rain and quieten the drumming.

Two looks, four ways to build it.

Both profiles are the same insulated sandwich underneath. Pick the trapezoidal profile for industrial roofs, or the tile profile when the roof should look like a traditional clay-tile roof. Each comes in two variants.



Trapezoidal roof panel



Deep, evenly spaced ribs for long spans and fast drainage. The workhorse for factories, warehouses, sheds and cold-store roofs. A2 adds tile steps to the same ribs for a tiled look.

Best for	Industrial & commercial roofs
Variants	A1 standard rib · A2 tile rib
Colours	All 13 standard shades



Tile-profile roof panel

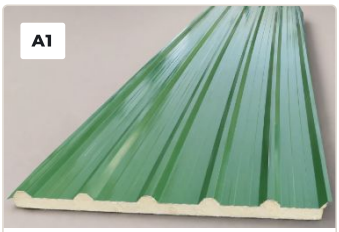


Pressed to look like rows of clay roof tiles, with all the insulation of a PUF panel. For homes, villas, resorts, farmhouses and terraces.

Best for	Residential & hospitality roofs
Variants	B1 roman wave · B2 stepped tile
Popular in	Terracotta, red, maroon

Choose your variant

All four come in 30, 50, 80 and 100 mm cores and are cut to the length of your roof.

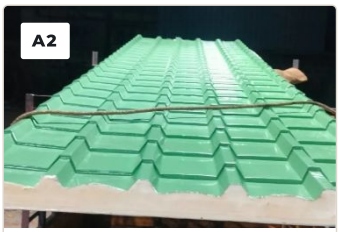


TRAPEZOIDAL

Standard rib



Closely spaced deep ribs with light lines in the pans, in a gloss finish. The classic industrial roof.



TRAPEZOIDAL

Tile rib



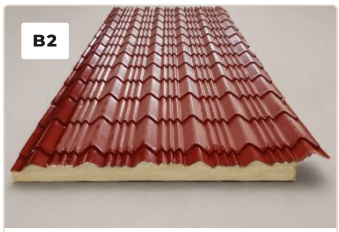
The same trapezoidal ribs, with a step pressed across the panel every tile length. Looks like a tiled roof, drains like an industrial one.



TILE PROFILE

Roman wave

Large rounded waves, like half-round clay tiles. Bold and glossy.



TILE PROFILE

Stepped tile

Rows of smaller stepped tiles for the look of a classic tiled roof.

Pick the core for your climate.

A thicker core insulates more. Most roofs over people and stock sit at 50 mm; go thicker for hot top floors and temperature-controlled spaces.

30 mm



Sheds, canopies, parking and walkway covers.

50 mm

MOST CHOSEN



Factories, warehouses and homes. The everyday choice.

80 mm



Hot top floors, offices and stock that dislikes heat.

100 mm



Temperature-controlled rooms and cold-store roofs.

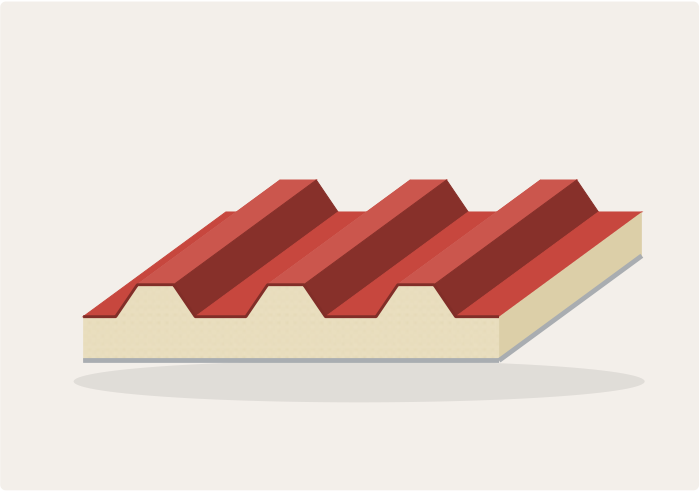


Panels from a recent batch, stacked for dispatch: the cream PUF core runs the full length of every panel.

Not sure which core you need? Tell us the building and what goes under the roof, and we will recommend one with your quotation.

Thirteen standard colours.

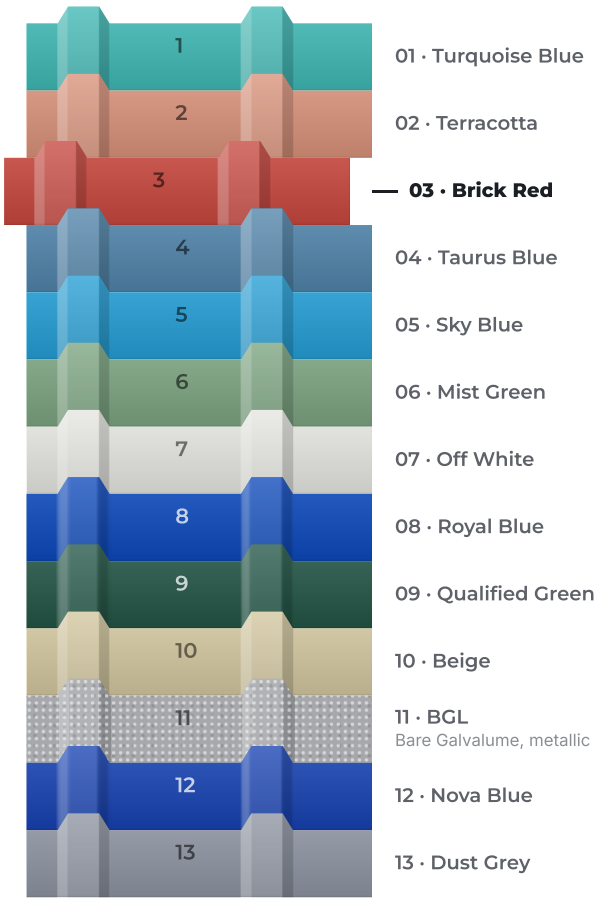
Every panel, in either profile, is available in each of these separate colours. Other shades, like the maroon, brown and charcoal in our photos, can be made to order.



REDS & EARTH

Shade 03 of 13

Brick Red

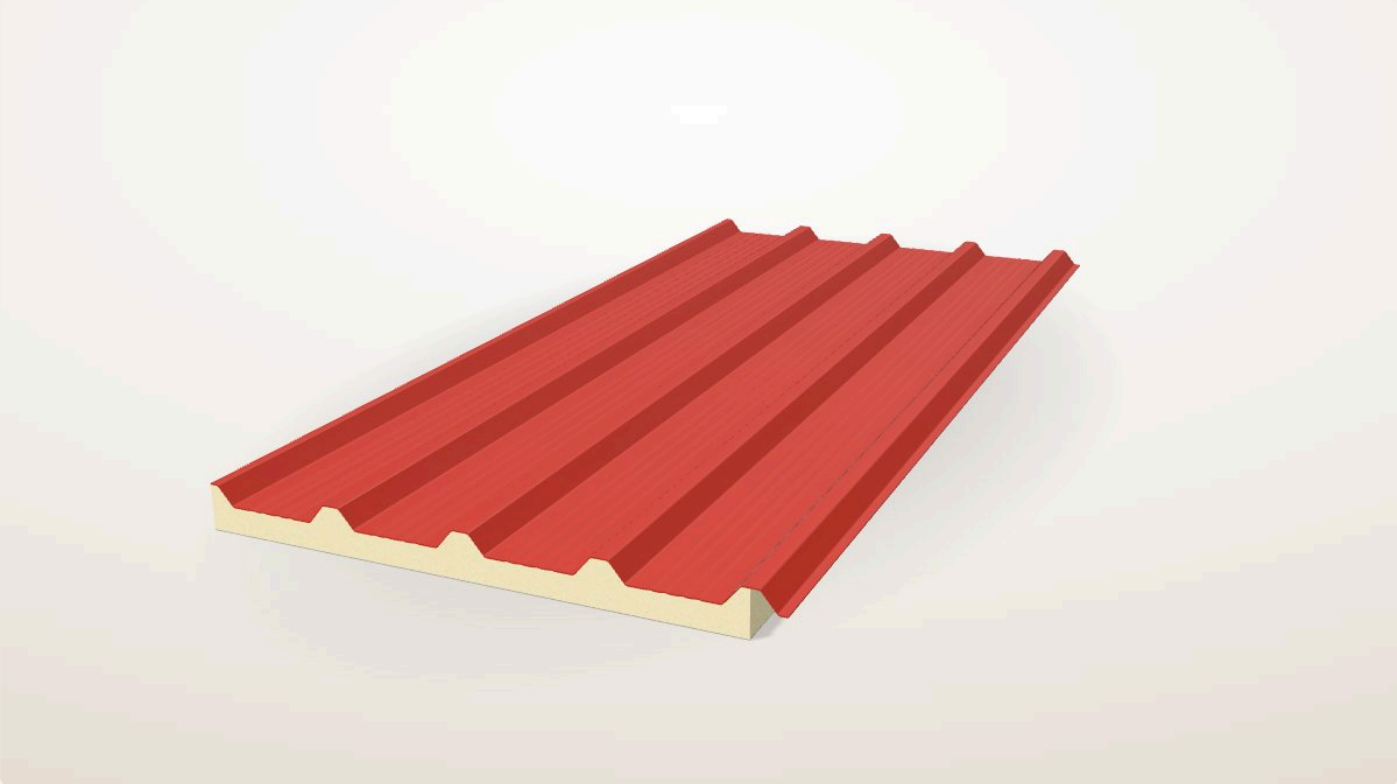




THE REAL THING

Our shade card, in steel.

These are the actual sample strips, numbered 1 to 13 in the same order as the card above. Screens and printers shift colours, so please confirm your shade against a physical sample before ordering.



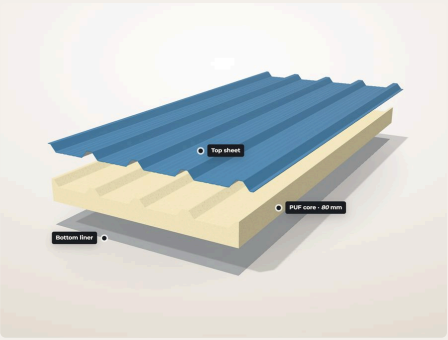
Spin it, open it up, put it on a roof.

The 3D configurator builds any of the four variants in any core and colour. Pull the layers apart to see the foam, or see the panel on a small house by day and by night. When it looks right, send it to us on WhatsApp for a quote.

START FROM ONE OF THESE

- **A1 Standard rib** — Brick Red · 50 mm
- **B1 Roman wave** — Terracotta · 50 mm
- **A2 Tile rib** — Mist Green · 50 mm
- **B2 Stepped tile** — Qualified Green · 50 mm

Build yours in 3D at **megaclad.com/catalog/roofing-configurator**



Layers
Pull the panel apart to see the sheet, core and liner.



On a roof
See your profile and colour on a small house.



Day and night
Switch the light to see the roof after dark.

Panels we have made.

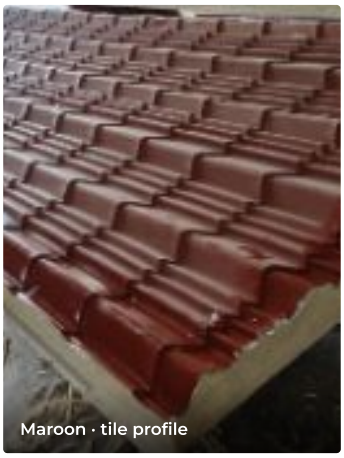
Unedited photos of recent batches, ready for dispatch.


Red · trapezoidal

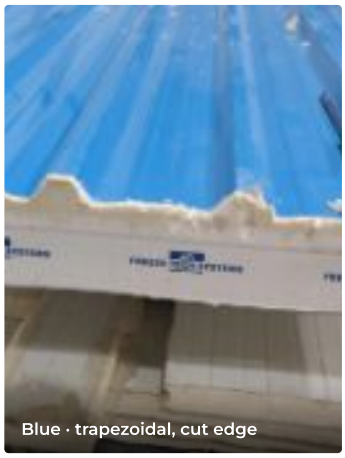

Terracotta · tile profile


Deep blue, gloss · trapezoidal


Green · trapezoidal


Maroon · tile profile


Terracotta · tile profile, foam edge


Blue · trapezoidal, cut edge


Charcoal · rib and core profile


Olive green · trapezoidal

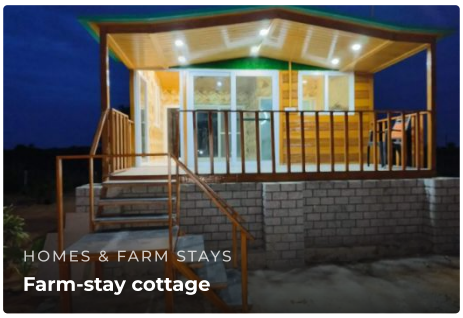

Maroon · tile rib

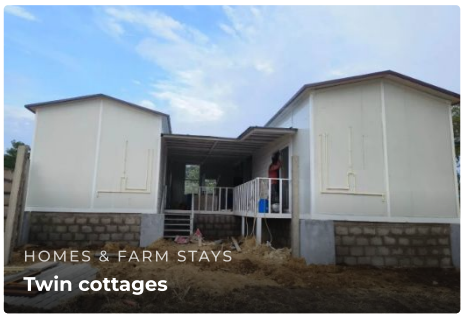

Green · tile rib, foam edge


Mist green · tile rib, cut ends

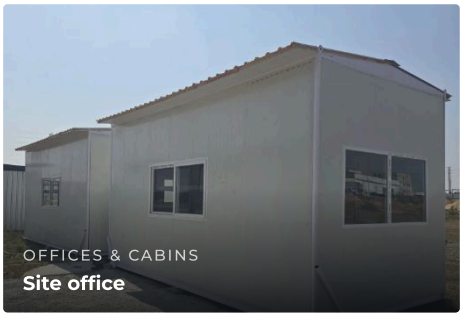
Roofs and buildings we have finished.

From farm-stay cottages to site offices and rooftop rooms, our panels form the roof, and often the walls too.











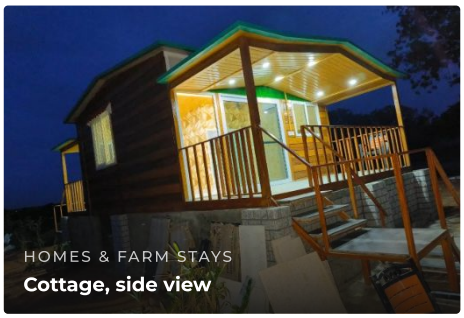














From our plant to your roof.

We make, deliver and install. Our own teams fit the panels with matching fasteners and sealants, so one company answers for the whole roof.



01 · MAKE

Made to length

Each panel is foamed and cut to your roof's length at our plant in Medchal, Telangana, so there are fewer joints on the roof.



02 · DELIVER

Delivered across India

Stacked, protected and trucked to site. We have supplied projects in more than 15 states.



03 · INSTALL

Fitted by our team

Our installation crews fix, seal and flash the roof, with fasteners and sealants supplied by us.

Made to length	15+ states	Our own crews	24–48 hours
Cut to your roof at our plant in Medchal, Telangana	Projects supplied across India	Fixing, sealing and flashing, with our fasteners	To plan a free technical review of your roof

Tell us the roof. We'll quote it.

Send the roof area, span, thickness and colour you have in mind. We plan a technical review within 24 to 48 hours, free of charge.

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Call
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Build it first
Open the 3D configurator →

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