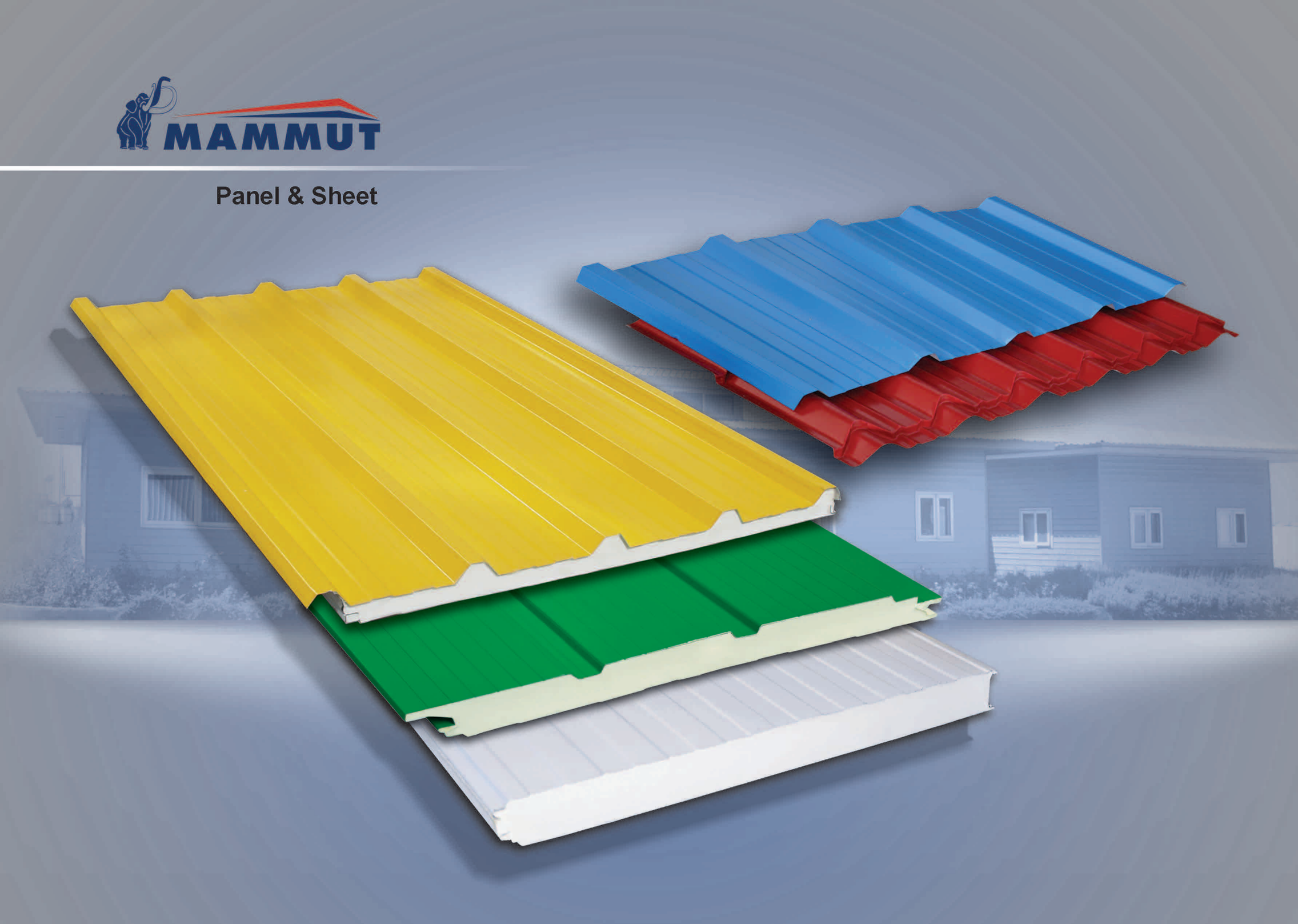
MAMMUT

Panel & Sheet



■ SPECIFCATION OF WALL , ROOF AND COLD STORE OF MAMMUT SANDWICH PANELS

● **KIND AND THICHNESS OF SHEET**

: 0.5 mm Prepainted Alu_Zinc sheet in various colors from super polyester furnace paint, outsid 25 microns and inside face at 7 microns primer in connectoin area with foam

● **COVERAGE OF SANDWICH PANEL**

: Two sides sheet , One side sheet and other side foil , One side Sheet and other side nilon , One side sheet and other side paper , Two sides nilon , Two sides paper , Two sides foil

FOAM : Hard polyurethane with 40 ± 2 kgs per m3 density.

● **WALL SANDWICH PANEL (PAN-A-02-0-A)**

MODELS : Smooth NDN, RPO inside fastening bolt without groove RP1 microwave inside fastening bolt , thiny groove RP2 inside fastening bolt . large groove RP3 inside fastening bolt

WIDTHS : fixed width 1.15 m (2 cm clapper and chock) useful width 1.13 m

THICKNESSES : 4 , 5 , 6 , 8 For walls and 10 , 12.5 , 15, 18 , 20 cm for cold stores

LENGTH : 2 – 12 Meters (As per customer request)

● **ROOF SANDWICH PANEL (PAN-A-02-0-A)**

WIDTH : Fixed width 1.08 m (overlap 7 cm) useful width 1.01 m

THICKNESSES : 4 , 5 , 6 , 8 , 10 cm

LENGTH : 2 – 12 Meters (As per customer request)

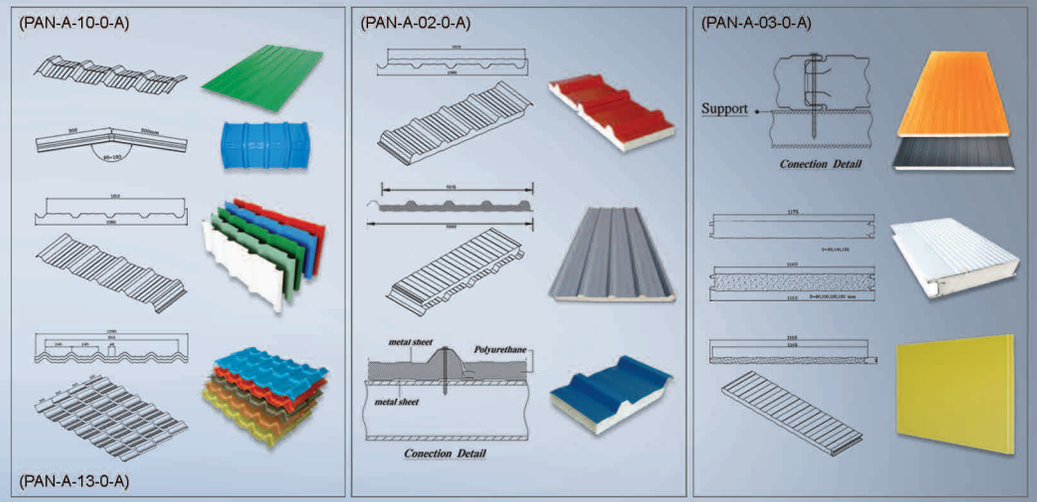
■ SURFACE OF THE COVERAGE SHEET (Trapozoide and clay design shadolwline)

TRAPOZOIDE DESIGN DIMENSIONS

: Fixed width 1.08 m (overlap 7 cm) useful width 1.01 m , length 1-12 m (As per request)

CLAY DESIGN DIMENSIONS

: Fixed width 1.09 m (overlap 14 cm) useful width 0.95 m length 1.22 – 7.015 m (multiple of 30.5 cm)



● SANDWICH PANEL FEATURES

Chemical resistance ● Health safety ● Fire behavior (B2) ● Economical and long life ● Good cladding ● Sealiry insulabion ● low weight ● Sound insulation ● Thermal insulation ● Pressure resistance

FIBER GALASS (λ = 0.035)	BRICK (λ = 0.59)	CONCRETE (λ = 0.65)	(λ = 0.018) MAMMUT sandwich panel (λ = W/mk)								
40	40	40	200	150	100	80	60	50	40	35	Thickness (mm)
0.88	14.8	16.25	0.09	0.12	0.18	0.22	0.30	0.36	0.45	0.51	Thermal coefficient (W/m2k)

Roof panel	Bending deflection	Bendry supports	Max distance bet ween supports (pressure)						(weight)
			50(kg/m^2)	75(kg/m^2)	100(kg/m^2)	125(kg/m^2)	150(kg/m^2)	175(kg/m^2)	kg/m^2
4 cms	L/200		3.75m	3.30m	3.00m	2.75m	2.60m	2.45m	10.50
			4.20m	3.70m	3.35m	2.65m	2.25m	2.10m	
5 cms	L/200		4.35m	3.85m	3.50m	3.25m	3.05m	2.89m	10.70
			4.95m	4.30m	3.90m	3.60m	3.00m	2.45 m	
8 cms	L/200		5.10m	4.77m	4.36m	3.91m	3.70m	3.30m	11.90
			5.85m	5.30m	4.91m	4.54m	4.10m	3.70m	