



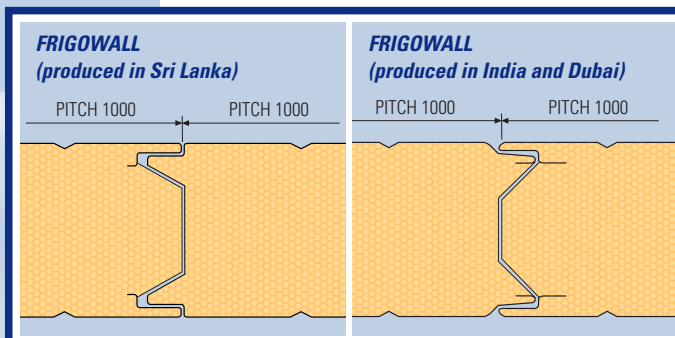
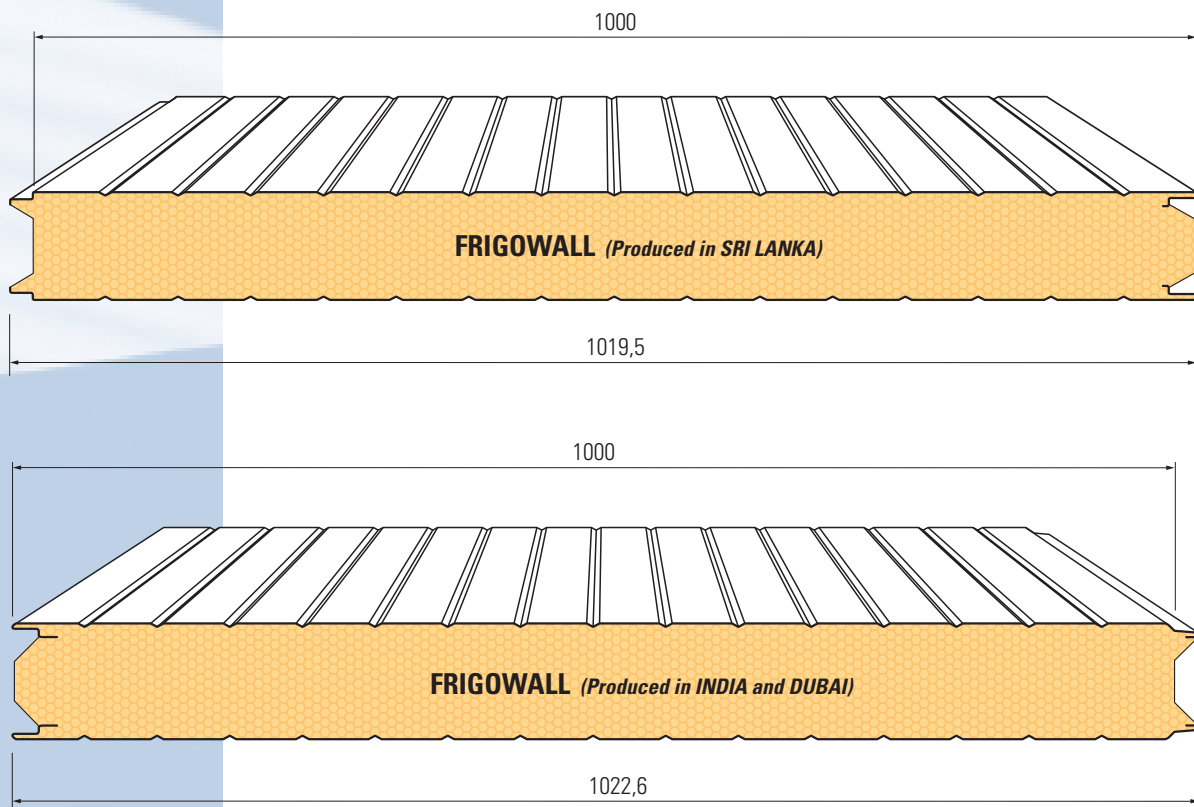
Low temperature - micro-ribbed

FRIGOWALL is a range of self-supporting metal panels with state-of-the-art polyurethane with a labyrinth joint for the construction of positive temperature cold storage warehouses and rooms.

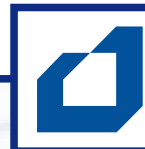
The FRIGOWALL range has been designed to provide a complete solution to the requirements of the cold storage industry, providing the following benefits:

HIGH THERMAL RESISTANCE, MECHANICAL RESISTANCE, DIMENSIONAL STABILITY, NON-WATER ABSORBENT, LIGHTWEIGHT, AESTHETICALLY PLEASING APPEARANCE, DURABILITY, EASE AND SPEED OF INSTALLATION.

The panels of the FRIGOWALL range are available with self expanding seal joints, cover width 1000 mm, in 80 - 100 - 120 - 150 mm thicknesses.



PRODUCED IN:
SRI LANKA
INDIA
DUBAI



Materials specifications

Panel sheets specifications

• Polyester primer	5 micron
• Non-toxic food-graded STANDARD polyester finish paint, RAL 9010 color	20 micron
• Back-coat	5 micron
• Resistance to saline mist	≥ 500 h (ECCA T8)
• Resistance to moisture	≥ 1000 h (ASTM D2247)

Panels foam specifications

• Average density	38 kg/m ³
• Thermal conductivity	22 mW/mK
• Temperature range	-40 +80 °C
• Free from CFC	

Table of safe spans

Maximum spans with $f \leq l/200$

Loads: panel weight + 20 daN/m² (due to negative pressure inside building)

panel weight + 30 daN/m² (due to negative pressure inside building)

steel - steel

S mm	K		Panel weight kg/m ²			P						
	Kcal m ² h °C	Watt m ² °C	0,45+0,45	0,5+0,5	0,6+0,6							
						p.p. + 20		p.p. + 30				
						0,45+0,45	0,5+0,5	0,6+0,6	0,45+0,45	0,5+0,5	0,6+0,6	
80	0,22	0,26	10,63	11,48	13,17	l =	5,25	5,80	6,10	4,70	5,30	5,55
100	0,18	0,21	11,44	12,29	13,99	l =	5,90	6,80	7,20	5,25	6,20	6,55
120	0,15	0,18	12,20	13,05	14,75	l =	7,35	7,80	8,20	6,70	7,10	7,50
150	0,12	0,14	13,33	14,18	15,88	l =	8,35	9,20	9,60	7,50	8,40	8,80

