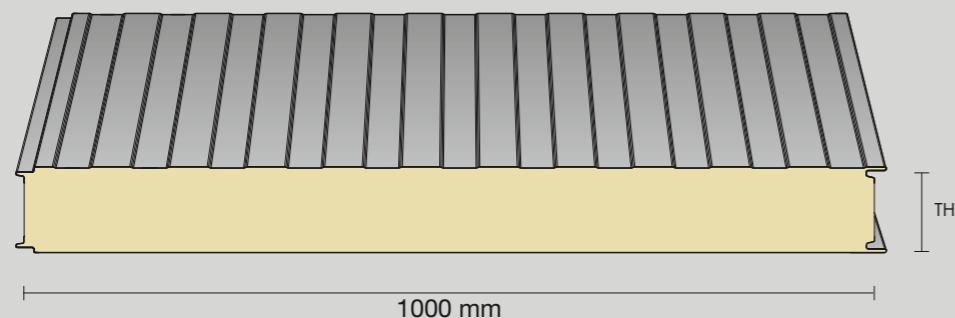




# ISOPAR® FRIGO / GIUNTO A LABIRINTO

INSULATING WALL PANEL FOR REFRIGERATED AREAS

The very high thermal insulation performance and the quality of the joining system make it particularly suitable for the construction of areas where a controlled temperature is required, such as cold rooms and working chambers.



## Static properties (kg/sq.m.)

**EXTERNAL facing:**  
Steel 0.4 mm  
**INTERNAL facing:**  
Steel 0.4 mm

PANEL THICKNESS (mm)	SINGLE SPAN										WEIGHT (Kg/sq.m.)
	1.5	2	2.5	3	3.5	4	4.5	5	5.5	6	
50	297	185	150	115	85	65	50				<b>7.61</b>
60	357	225	180	140	105	80	60	50			<b>8.00</b>
80	460	305	245	190	140	105	85	65			<b>8.78</b>
100	515	385	305	240	175	135	105	85			<b>9.56</b>
120	620	465	370	290	215	165	130	105			<b>10.34</b>
150	775	580	465	365	270	205	160	130			<b>11.51</b>
180	935	700	560	440	325	245	195	155			<b>12.68</b>
200	1000	780	625	490	360	275	215	175			<b>13.46</b>
220	1000	860	685	540	395	305	240	195			<b>14.22</b>
240	1000	940	750	590	435	330	260	210			<b>14.98</b>

Static sizing calculation performed in accordance with Annex E of the UNI EN 14509 standard. Normal deflection limit: 1/200  $l$



### DRY JOINT

Suitable for areas with above-zero temperatures and not lower than 4°C (in the case of areas with temperatures lower than 4°C, a thermohygroscopic test of the joint is needed, as it may generate condensation and/or ice formation). The joint geometry is interlocking male/female and is provided with standard PVC gasket inserted during production.



### JOINT WITH THERMO-EXPANDENT TAPE

Suitable for areas with temperatures not lower than -1°C (in the case of environments with temperatures lower than -1°C, a thermohygroscopic test of the joint is needed, as it could generate condensation and/or ice formation). The joint consists of the standard PVC gasket to which two thermo-expanding tapes are added during assembly in the two cavities of the female side, along the entire length of the panel. This allows good sealing for the passage of air.



### JOINT WITH THIXOTROPIC SEALANT

Suitable for environments with below-zero temperatures. The sealant is inserted into the two cavities of the female side over the entire length of the panel. This sealant provides excellent air tightness.