



Errezero-G the embossed fiberglass sandwich panel

**The embossed surface guarantees
optimal cleaning in the rooms
for food processing**

- Anticorrosive and antifungal
- Resistant to shocks and scratches
- Chemically resistant (blood, acids, brine, etc.)
- Easily and quickly washable with foamed detergents
- Food-safe (HACCP, EU, BRC, FDA, USDA certified)





Errezero-G advantages

Joint MFG



Male-Female coupling with Hook (MFG) consists of simply bringing the panels together and subsequent fixing with eccentric hooks embedded in polyurethane (variable pitch with min. 400 mm). The hooks consist of a plastic shell and a cam closing mechanism in galvanised steel.

The cam is actuated by inserting the special hex wrench in the holes in the panel sheet; the holes are closed with plastic caps after assembly.

The seal and the tightness of the joint is ensured by gaskets to be fitted during assembly. This type of joining significantly reduces the time required for panel assembly operations

Detail of soft joint cover

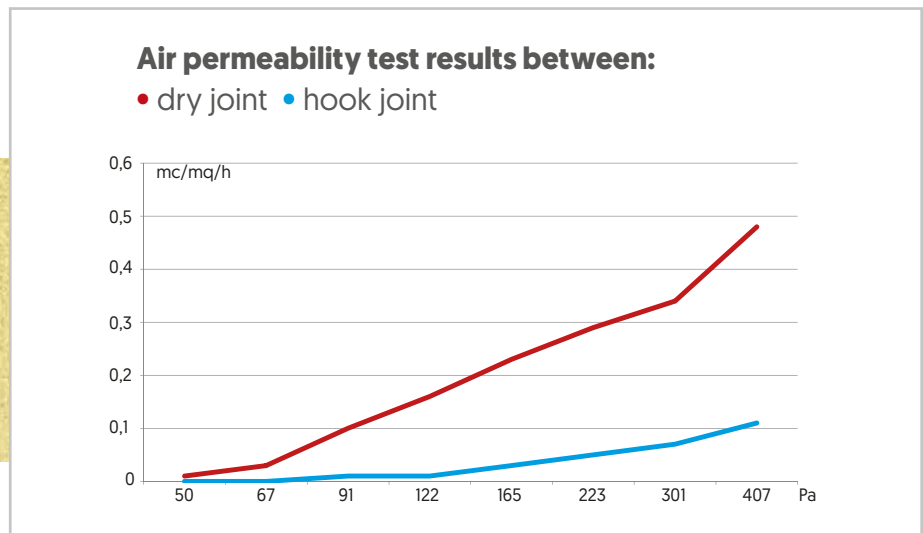
Errezero-G technical sheet

Description	U/M								
	mm	60	80	100	120	150	200	240	
Panel thickness	mm								
Mass	Kg/m ²	7,40	8,20	9,0	9,8	11,0	13,0	14,6	
Densità PUR - PIR	Kg/m ²	40 +/- 5%							
Thermal conductivity λ	W/mK	0,023							
Thermal conductivity (λ aged value)	W/m ² K	0,39	0,29	0,24	0,20	0,16	0,12	0,10	
Tensile strength	Mpa	0,15							0,08
Compressive strength	Mpa	0,17							
Water vapour permeability		Impermeable							
Fire reaction		NPD							
Characteristics of polyurethane foam		Foaming agent HFC134a							
		Closed cell content >90%							
Pitch	mm	1190							
Maximum length of straight section	mm	13600							
Skins		Material: polyester laminate							
		Surface: embossed							
		Standard color: RAL 9010							
		Thickness: 2 mm							

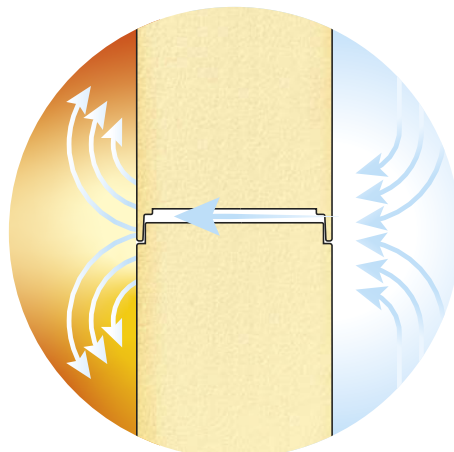
Air permeability

our panel joints have a 5 times higher thermodynamic efficiency than the dry joints

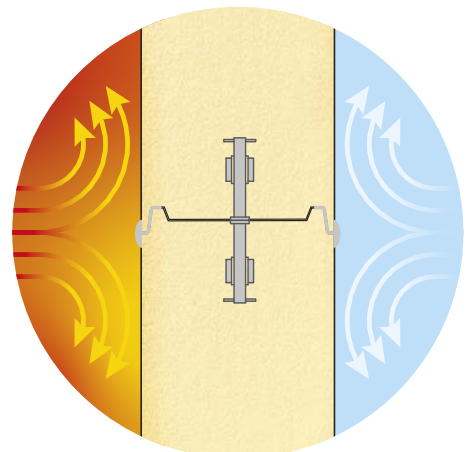
The panels used to build the cold rooms are our exclusive production and are designed for specific use in the refrigeration sector: our panel joints have a 5 times higher thermodynamic efficiency than the continuous products, as demonstrated by the tests performed at the ITC-CNR Institute in Milan. The complete test reports are available at the headquarters of Cosma Impianti and upon request can be consulted during visits by our sales representatives.



Dry joint



Hook joint



In the section you will notice like the dry joint allow passage of the air, while the MFG hook joint of Cosma Impianti guarantees impermeability to air thanks to his construction features:

 Labyrinth joint

 ABS joint

 Joint cover in Soft PVC



“Made-to-measure” capability

Every job we do is unique, carefully crafted to efficiently fulfil our customers' specific needs.



Innovation

Every project is the sum of the components and solutions created to deliver the highest performance in terms of efficiency, ergonomics and aesthetics.



Total management

Feasibility analysis, design, component production, installation, commissioning and final testing; we manage all the stages of the project.



Professionalism

From the designers to the assemblers, our close-knit team is made up exclusively of in-house, highly qualified personnel.



Experience

We have been collaborating with customers for over thirty years all over the world, constantly learning to bring new elements to the next project.



Certification

Cosma Impianti is a UNI EN ISO 9001 certified company. Our panels have obtained CE marking [UNI EN 14509].