PIR INSULATED CORE: *R-PLUS*

R+

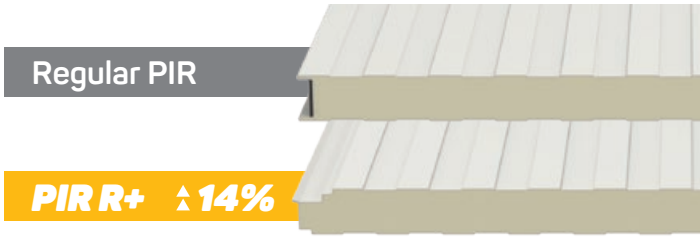
The Next Step in PIR Foam Insulated Techology.

R-PLUS: Advanced Polyisocyanurate

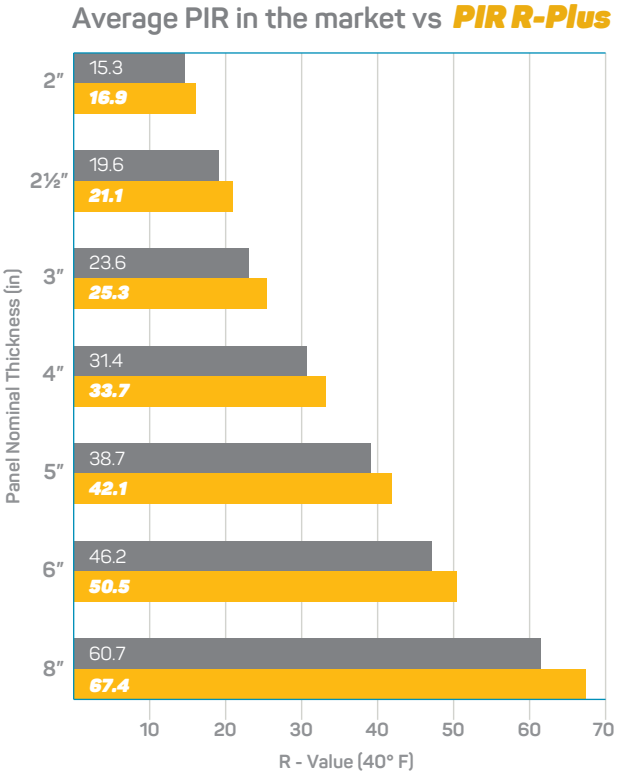
Engineered with a unique advanced Polyisocyanurate (PIR) core, developed by Isocindu, **R-Plus** offers an important improvement in the R-value and better performance on thermal insulation

By taking advantage of the latest advances in insulation technology, R-Plus sets a new standard for thermal performance by providing a higher R-value per inch. **This improved formula will allow to reduce operating costs**, more confort and energy saving due the thermal insulation in a variety of applications, especially in the cold storage industry.

This PIR core is renowned for its outstanding thermal insulation properties, making R-Plus an innovative solution for achieving superior energy efficiency and substantial cost savings.



R-Plus delivers a better R-Value, an improved formula for a better performance



R-Value Comparison

	Panel Nominal Thickness (in)							
	1⅝″	2″	2½″	3″	4″	5″	6″	8″
40° F Mean Temp - R value of Isocindu PIR vs Isocindu PIR R+								
PIR R+	13.8	16.8	21.0	25.2	33.7	42.1	50.5	67.4
PIR	12.9	15.7	19.6	23.6	31.5	39.3	47.2	62.9

Key Features and Benefits

Advanced PIR Formula: This advanced core technology contributes **up to 8% to 14% higher R-value compared to the average of the polyisocyanurate market leaders.** Better thermal efficiency, substantial energy savings, and elevated comfort levels.

Energy Efficiency Redefined: R-Plus panels effectively minimize heat loss, **reducing the energy cost operation for heating or cooling equipment.** This provides excellent insulation performance, leading to reduced energy consumption and minimized environmental impact.

Versatile Applications: R-Plus panels find application across a wide range of projects, including commercial buildings, industrial facilities, agricultural structures, but **must important in cold storage projects.** They can be seamlessly integrated into exterior and interior walls, roofs, and partition walls.