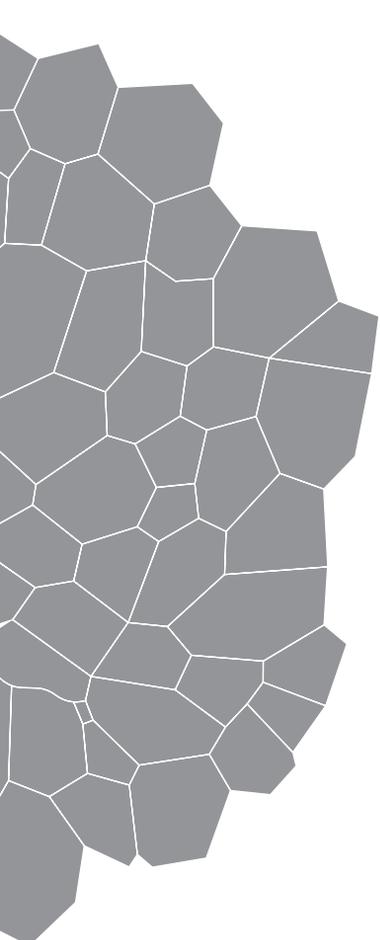




# Higher Building Performance with Isocab By Kingspan

It's all in  
the grey cells

POWERED BY  
**QuadCore**<sup>™</sup>  
TECHNOLOGY



# It's all in the grey cells

QuadCore™ Technology is Isocab By Kingspan's next generation of self-blended hybrid insulation core.

Across the world of insulated panels, this innovation with its distinctive grey microcells powers the industry's highest combined performance:

- Unrivalled thermal efficiency
- Superior fire protection
- Enhanced environmental credentials
- Longest performance guarantee

QuadCore™ Technology, together with our end-to-end services and whole building design know-how, takes Isocab By Kingspan buildings to a higher level of lifetime performance, and delivers the ultimate protection for our partners, their buildings, and the environment for future generations.

1

Unrivalled  
Thermal  
Efficiency

# Unrivalled Thermal Efficiency

QuadCore™ Technology is certified as the most thermally efficient closed-cell insulation core on the market.

## **Lifetime performance and value benefits**

- The class-leading aged lambda value of 0.20 W/m.K has the potential to reduce both energy consumption and carbon emissions.
- QuadCore™ Technology is a more streamlined solution relative to other insulation materials with associated benefits in transport and ease of handling during construction.

2

Superior  
Fire  
Protection

# Superior Fire Protection



Non-insurer approved PIR



QuadCore™ Technology

Images shown are from an EN 11925-3 comparative test using a roofer's torch fire source.

The hybrid nature of QuadCore™ Technology delivers a range of unique improvements in fire performance.

## Lifetime performance and value benefits

QuadCore™ Technology is the only closed-cell insulation core to achieve FM 4882\* certification (the FM Global insurance standard for smoke sensitive occupancies).

\* Isocab Industrial Agro-Alimentaire (IND)

3

Enhanced  
Environmental  
Credentials

# Enhanced Environmental Credentials

The improved thermal performance of QuadCore™ Technology helps optimise resource efficiency. It is also 100% recyclable and is CFC, HCFC, HFC free and has a very low Global Warming potential.

## Lifetime Performance and Value Benefits

- QuadCore™ Technology, together with whole building design support from Kingspan's technical team, can help optimise performance in "green building" ratings systems.
- The improved resource efficiency delivers better transport utilisation which means less truck movements to site.



# 4

40 year thermal  
and structural  
panel guarantee

Complete QuadCore™ coldstore systems, doors and accessories benefit from the additional security of a single-source system warranty from Isocab By Kingspan.





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All's draft on logistics

AGRO  
Merchants Group

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