

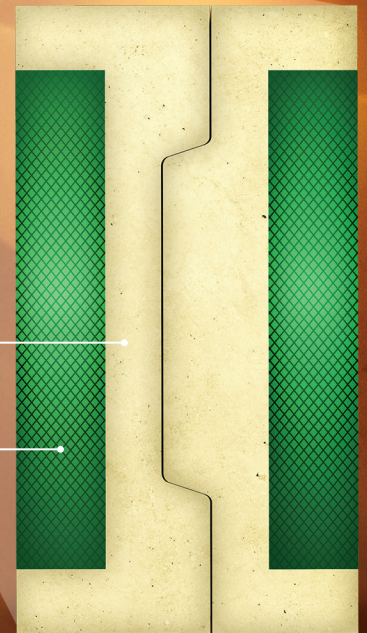


Introducing
FUSIONFRAME®
Never compromise performance
for structural integrity ever again.



High-Performance
Polyurethane Foam

Structural Core



Best of Both Worlds.



Hybrid rail solution combines a structural core fused together with high-performing polyurethane foam insulation.



The structural core is comparable to the structural performance of wood.



Eliminates the thermal bridge associated with wood frame panels.



Insulation jacket surrounding panel joints prevents ice buildup in the frame.



Significantly lowers condensation risk.



Increased R-Value provides 4x higher thermal performance than a traditional wood rail system.



Increased energy efficiency due to reduced heat gain.



Significantly reduces carbon footprint.



FUSIONFRAME®

NEVER COMPROMISE™

kps

The patented **FUSIONFRAME®** cold storage panel system offers the Best of Both Worlds by integrating the structural benefits of wood with the high-performing insulative properties of foam, drastically enhancing the thermal performance and energy savings of cold storage units. With this system from KPS Global, you never have to compromise.

STRUCTURAL PERFORMANCE



THERMAL PERFORMANCE



LIFE-CYCLE BENEFITS



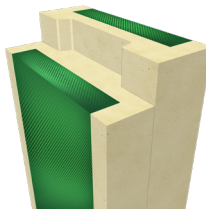
ENERGY PERFORMANCE



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GLOBAL®

PATENTED: <https://kpsglobal.com/patents>

Side Joint Details



WIDTH..... Up to 47"
THICKNESS..... 3½", 4", 5"
LENGTH..... Up to 26'

Cross Section



FUSIONFRAME Panel System R-Value

Nominal Panel Thickness (in)	Wood Frame R-Value	INSULFRAME™ HDR Frame R-Value	FUSIONFRAME R-Value
20° Frame Mean Temp R-Value			
5	6.25	19.51	29.30
4	5.00	15.61	24.30
3½	4.38	13.66	21.99
55° Frame Mean Temp R-Value			
5	6.25	18.26	25.94
4	5.00	14.61	21.98
3½	4.38	12.79	19.33
75° Frame Mean Temp R-Value			
5	6.25	17.54	24.34
4	5.00	14.04	20.62
3½	4.38	12.28	18.11

FUSIONFRAME R-Value based on 5 lb. polyurethane foam insulation density.
FUSIONFRAME and HDR polyurethane foam R-Value determined by ASTM C518 Test Method.
Wood frame R-Value derived from published data.