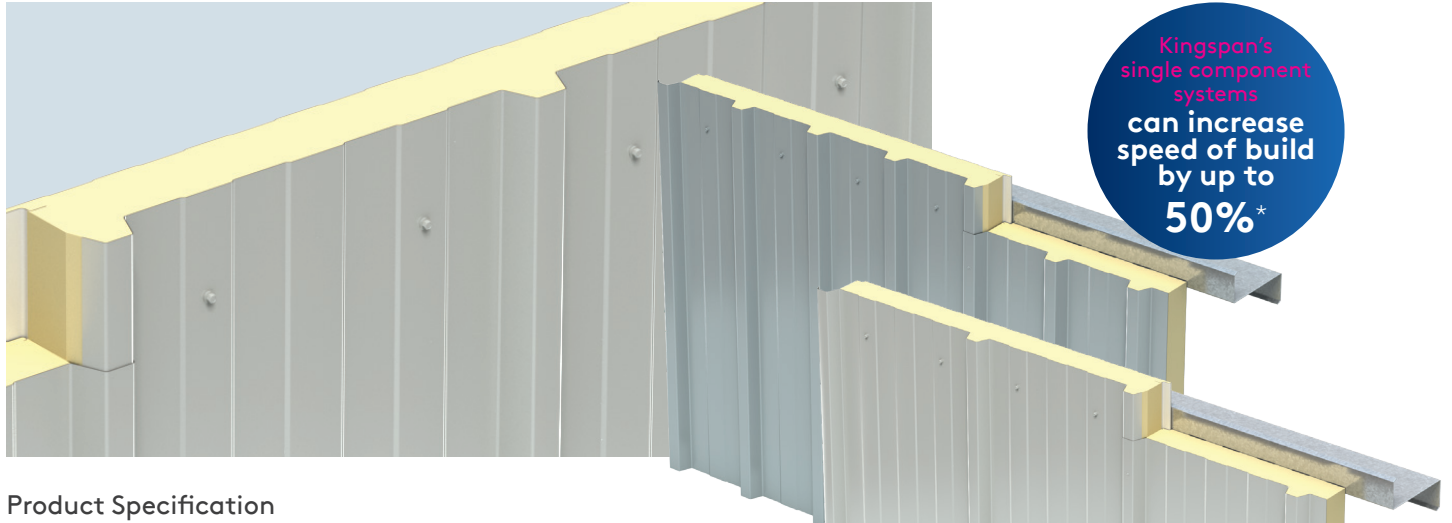


KingRib® 3 / KingRib® 5 Data Sheet

Insulated Trapezoidal Wall Panel System



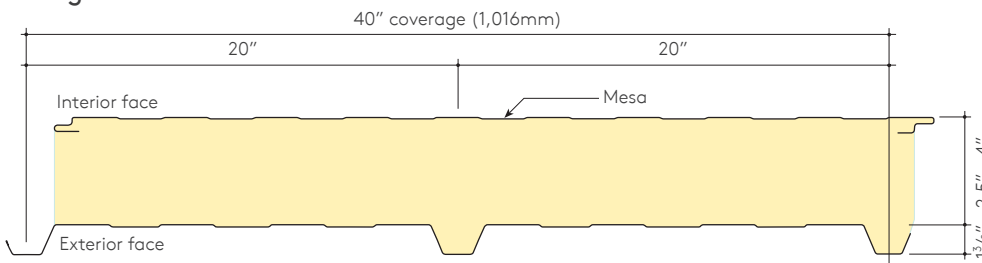
Kingspan's
single component
systems
can increase
speed of build
by up to
50%*

Product Specification

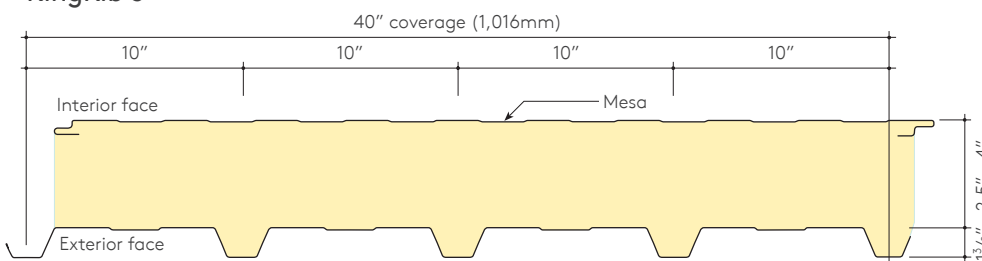
Profile:	Exterior: Mesa with Trapezoidal Ribs Interior: Mesa
Embossing:	Exterior: Stucco or non-embossed Interior: Stucco or non-embossed
Gauge:	Exterior: 26, 24, 22 ga Interior: 26, 24, 22 ga
Width:	40"
Thickness:	2.5", 4", 5", 6"
Length:	8' - 40' (please contact your Kingspan Regional Sales Manager or Kingspan Technical Services for detailed limitations on specific lengths)
Orientation:	Vertical
Post fabrication:	N/A
R-value:	≈ 7.2 per inch per ASTM C518 @ 75°F ≈ 8.1 per inch per ASTM C518 @ 35°F

* Compared to
multi-component
wall assemblies

KingRib 3



KingRib 5



Applications

The KingRib insulated wall panel is the perfect option for a modern design combined with high energy-efficiency, durability, and high R-value. KingRib will not only enhance your building's aesthetic appeal, but will also help improve the efficiency of your building's thermal envelope.

Design Features

The KingRib overlapping joint is self-aligning for simple, easy sealant application at the joinery. It also arrives in one piece, ready for installation. That means decreased build time and a higher ROI for your project.

KingRib 3 / KingRib 5 Data Sheet

Insulated Trapezoidal Wall Panel System

Performance Testing and Approvals

Test	Procedure	Results			
Fire	NFPA 285	Passed. Standard Fire Test Method for Evaluation of Fire Propagation Characteristics of Exterior Non-Load-Bearing Wall Assemblies Containing Combustible Components			
	ASTM E84	Flame spread: 25 or Less, Smoke developed: 450 or Less			
	NFPA 259	Tested for potential heat of building materials			
	NFPA 286	Passed. Standard Methods of Fire Tests for Evaluating Contribution of Wall and Ceiling Interior Finish to Room Fire Growth (applicable to panels max 4" thickness)			
	ASTM E1592	Passed. Standard Test Method for Structural Performance of Sheet Metal Roof and Siding Systems by Uniform Static Air Pressure Difference			
	ULC-S102	Flame Spread: 20 / Smoke Developed: 165			
Thermal Transmission	ASTM C518	Thermal Performance at 75°F		Thermal Performance at 35°F	
		Thickness	R-Value	Thickness	R-Value
		2.5"	17.8	2.5"	20.3
		4"	28.4	4"	32.4
		5"	35.5	5"	40.5
		6"	42.6	6"	48.6
Air Infiltration	ASTM E283	0.03 CFM/ft² of panel area @ 6.24psf			
Water	ASTM E331	No water penetration at 6.24psf			

Contact Details

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For the product offering in other markets please contact your local sales representative or visit our website.

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