

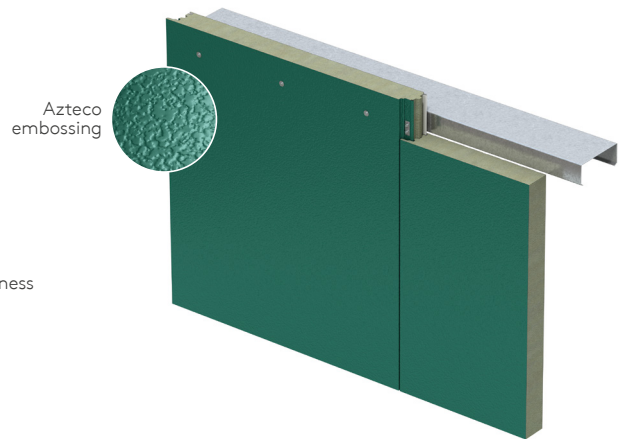
K-Roc™ HF Series Data Sheet

Insulated Wall Panel System

In certain light duty structures, unique hidden fastener details may be available depending on spans, structural loads and climatic conditions (please contact Kingspan Technical Services for detailed advice prior to specification or bid).

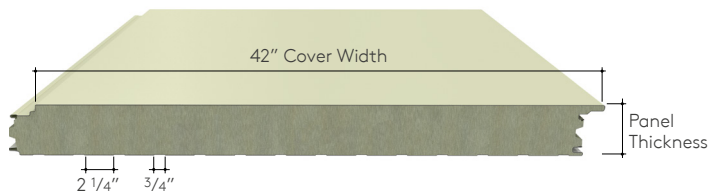
K-Roc HF Azteco™

Gauge: Exterior: 24, 22 ga
Interior: 26, 24, 22 ga



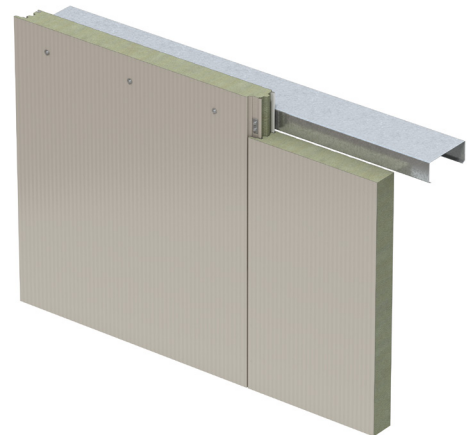
K-Roc HF Flat

Gauge: Exterior: 24, 22 ga
Interior: 26, 24, 22 ga



K-Roc HF Micro-Rib

Gauge: Exterior: 24, 22 ga
Interior: 26, 24, 22 ga



K-Roc HF Series Data Sheet

Insulated Wall Panel System

K-Roc HF Mini Micro-Rib

Gauge: Exterior: 24 ga
Interior: 26, 24, 22 ga



K-Roc HF Shadowline

Gauge: Exterior: 26, 24, 22 ga
Interior: 26, 24, 22 ga



Product Specification

Insulation core:	Mineral fiber
Profile:	Exterior: Azteco™, Flat, Micro-Rib, Mini Micro-Rib, Shadowline Interior: Shadowline
Embossing:	Exterior: Stucco or non-embossed (Azteco™ profile only available with Azteco™ embossing) Interior: Stucco or non-embossed
Gauge:	See previous page
Width:	42"
Thickness:	4", 6", 8"
Length:	8' - 48'
Reveal option:	1/8"
Orientation:	Vertical or horizontal
Post fabrication:	N/A
R-value:	3.8 per inch per ASTM C518 @ 75°F mean temperature

K-Roc HF Series Data Sheet

Insulated Wall Panel System

Testing and Approvals

Test	Procedure	Results																		
Fire	FM 4880	Passed: Class 1 Fire Rating of Building Panels or Interior Finish Materials.*																		
	ASTM E119/ULC-S101	<table><tr><th colspan="3">Application</th></tr><tr><th>Fire Rating</th><th>Wall</th><th>Ceiling</th></tr><tr><td>1 hour</td><td>4"</td><td>6"</td></tr><tr><td>1.5 hour</td><td>6"</td><td>6"</td></tr><tr><td>2 hour</td><td>6"</td><td>8"</td></tr><tr><td>3 hour</td><td>8"</td><td>-</td></tr></table> Consult Kingspan Technical Services for details on specific installation requirements.	Application			Fire Rating	Wall	Ceiling	1 hour	4"	6"	1.5 hour	6"	6"	2 hour	6"	8"	3 hour	8"	-
	Application																			
	Fire Rating	Wall	Ceiling																	
	1 hour	4"	6"																	
	1.5 hour	6"	6"																	
	2 hour	6"	8"																	
	3 hour	8"	-																	
	ASTM E814	Listed up to 6" diameter steel pipe through penetration. Consult Kingspan Technical Services for details.																		
	ASTM E84 (mineral fiber core)	Flame Spread: 0 Smoke Developed: 5																		
ULC-S114	Non-combustible.																			
ULC-S115	Passed. Standard method of fire tests of firestop systems.																			
Structural	ASTM E72	Vacuum chamber tested. Panel load/span and deflection tables are available.																		
Thermal Transmission	ASTM C518	<table><tr><th colspan="2">Thermal Performance at 75°F mean temperature</th></tr><tr><th>Thickness</th><th>R-Value</th></tr><tr><td>4"</td><td>15.2</td></tr><tr><td>6"</td><td>22.8</td></tr><tr><td>8"</td><td>30.4</td></tr></table> Consult Kingspan Technical Services for details on specific installation requirements.	Thermal Performance at 75°F mean temperature		Thickness	R-Value	4"	15.2	6"	22.8	8"	30.4								
		Thermal Performance at 75°F mean temperature																		
		Thickness	R-Value																	
4"	15.2																			
6"	22.8																			
8"	30.4																			
Air and Water	ASTM E283	0.03 CFM/ft² of panel area at 6.24 psf.																		
	ASTM E331	No uncontrolled water penetration at 20 psf differential pressure.																		
Regional Approvals	City of Los Angeles	LCR-85599																		
	FPA	FL25618.1																		

*Thickness: 4", 6", 8", Width: 42", Min. panel length: 8', Min. gauge: Exterior 26 ga, Interior 26 ga.

For FM compliance, systems must be installed in accordance with FM installation specifications as detailed on ApprovalGuide.com. Please contact technical.NA@kingspanpanels.com for detailed information or refer to ApprovalGuide.com.



Contact Details

USA

DeLand, FL: 877-638-3266
Modesto, CA: 800-377-5110

info.NA@kingspanpanels.com
www.kingspanpanels.us



[Latest version here](#)

Canada

Caledon, ON: 866-442-3594
Langley, BC: 877-937-6562

info.NA@kingspanpanels.com
www.kingspanpanels.ca



[Latest version here](#)

For the most up to date version of this document,
please scan the QR codes above or click the link.

Care has been taken to ensure that the contents of this publication are accurate, but Kingspan Limited and its subsidiary companies do not accept responsibility for errors or for information that is found to be misleading.

Suggestions for, or description of, the end use or application of products or methods of working are for information only and Kingspan Limited and its subsidiaries accept no liability in respect thereof.

© Kingspan, and the Lion Device are Registered Trademarks of the Kingspan Group plc in the US, Canada and other countries. K-Roc and Azteco are Trademarks of the Kingspan Group plc.

All rights reserved. © Kingspan Insulated Panels Inc.

