

K-Roc® FX Series Data Sheet

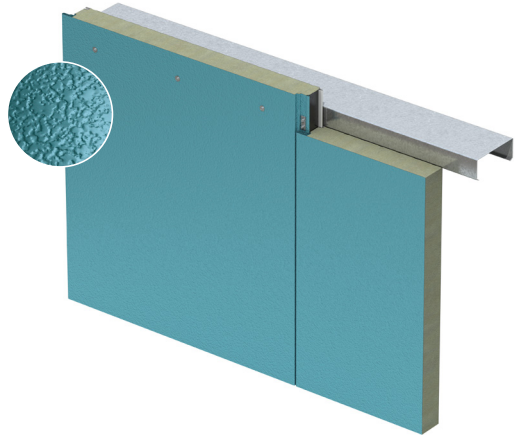
Insulated Wall Panel System

K-Roc FX Azteco™

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

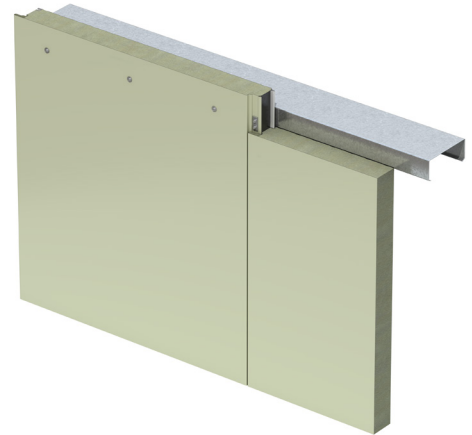
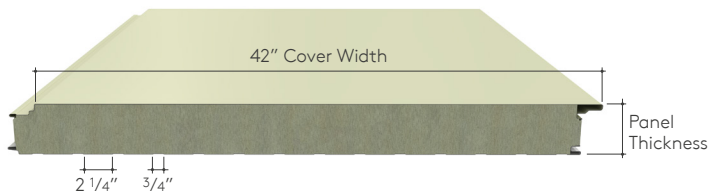


Azteco
embossing



K-Roc FX Flat

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



K-Roc FX Micro-Rib

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



K-Roc® FX Series Data Sheet

Insulated Wall Panel System

K-Roc FX Mini Micro-Rib

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



K-Roc FX 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:	3.7 per inch per ASTM C518 @ 75°F mean temperature

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Insulated Wall Panel System

Testing and Approvals

Test	Procedure	Results																		
Fire	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>	Application			Fire Rating	Wall	Ceiling	1 hour	4"	6"	1.5 hour	6"	6"	2 hour	6"	8"	3 hour	8"	-
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Consult Kingspan Technical Services for details on specific installation requirements.																				
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: 10																			
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>14.8</td></tr><tr><td>6"</td><td>22.2</td></tr><tr><td>8"</td><td>29.6</td></tr></table>	Thermal Performance at 75°F mean temperature		Thickness	R-Value	4"	14.8	6"	22.2	8"	29.6								
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Air and Water	ASTM E283	0.01 CFM/ft² of panel area at 6.24 psf.																		
	ASTM E331	No uncontrolled water penetration at 10 psf differential pressure.																		

Contact Details

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