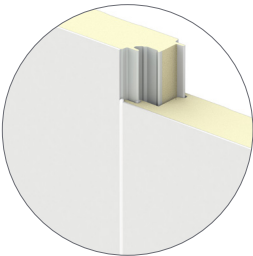
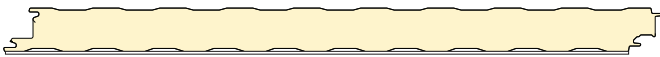


# FRP CLEANSEAM™

## Insulated Metal Wall Panel

The FRP CleanSeam™ insulated metal panel is designed to create a virtually seamless joint between wall panels to prevent water intrusion and bacterial growth. This panel is a perfect solution for commissaries, processing rooms, manufacturing facilities where frequent wash downs may occur. The reduced maintenance seal system creates a durable bond—unlike silicone sealants, which can deteriorate under frequent cleanings. Trust TrueCore's FRP CleanSeam panel, produced using veteran knowledge and experience for the industry's best contractors.

### PANEL PROFILE AND CROSS SECTION



<b>FRP FACE PROFILE</b>	No profile, 0.075" thick, Class A, unembossed FRP
<b>NON FRP FACE PROFILE</b>	Mesa, nominal 1/8" deep, embossed or Light Mesa, nominal 1/16" deep, embossed
<b>SUBSTRATE</b>	G-90 galvanized or AZ-50 aluminum-zinc coated steel or 304 or 316 stainless steel in 26, 24 and 22" Ga.
<b>FINISH OPTION</b>	Non-FRP faces available with USDA-compliant polyester coating, igloo white color
<b>WIDTH</b>	42", 44.4"
<b>LENGTH</b>	8'-0" to 20'-0"
<b>THICKNESS</b>	2", 3", 4", 5", 6"
<b>CORE</b>	Foamed-in-place, zero ozone depleting (zero ODP) Class 1 foam
<b>CLEANSEAM SEALANT</b>	Two-part compound which seals the panel surfaces for a smooth, durable finish—virtually impervious seal to prevent water penetration
<b>THERMAL VALUES</b>	k-Factor** @ 35° F (1.6° C) is 0.114

### U-FACTOR (BTU/H-FT<sup>2</sup>·°F)\*

PANEL WIDTH: 42"

	35°
2"	0.056
3"	0.037
4"	0.028
5"	0.022
6"	0.018

### R-VALUE (H-FT<sup>2</sup>·°F/BTU)\*

PANEL WIDTH: 42"

	35°
2"	17.5
3"	26.2
4"	35.0
5"	43.7
6"	52.5

\*R-Value & U-Factor per ASTM C518 & ASTM C1363/Simulation, respectively, based on a mean temperature of 35° F; Thermal values may vary depending on manufacturing location

\*\*k-Factor calculations: BTU in/ft<sup>2</sup>·hr. °F  
 ~ 22 Ga not available for stainless steel

**TESTING: FRP CLEANSEAM™ INSULATED METAL WALL PANEL**

<b>TEST</b>	<b>TEST METHOD</b>	<b>TEST TITLE</b>	<b>RESULTS</b>
<b>FIRE US</b>	ASTM E84	Surface Burning Characteristics of Building Materials	Flame spread <25, smoke developed <450
	NFPA 286	Standard Methods of Fire Tests for Evaluating Contribution of Wall and Ceiling Interior Finish to Room Fire Growth	Test specimen met the criteria of the IBC Section 803.1.2.1
	CAN/ULC S102	Surface Burning Characteristics of Building Materials and Assemblies	Meets the National Building Code of Canada requirements
	CAN/ULC S138	Fire Growth of Insulated Building Panels in a Full-Scale Room Configuration	Met the criteria of the standard
<b>STRUCTURAL</b>	ASTM E72	Standard Test Methods of Conducting Strength Tests of Panels for Building Construction	See Load Chart
<b>THERMAL PERFORMANCE</b>	ASTM C518	Steady-State Thermal Transmission Properties by Means of the Heat-Flow Meter Apparatus	K-Factor of 0.114 BTU.in/hr.ft <sup>2</sup> .°F at 35° F mean core

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