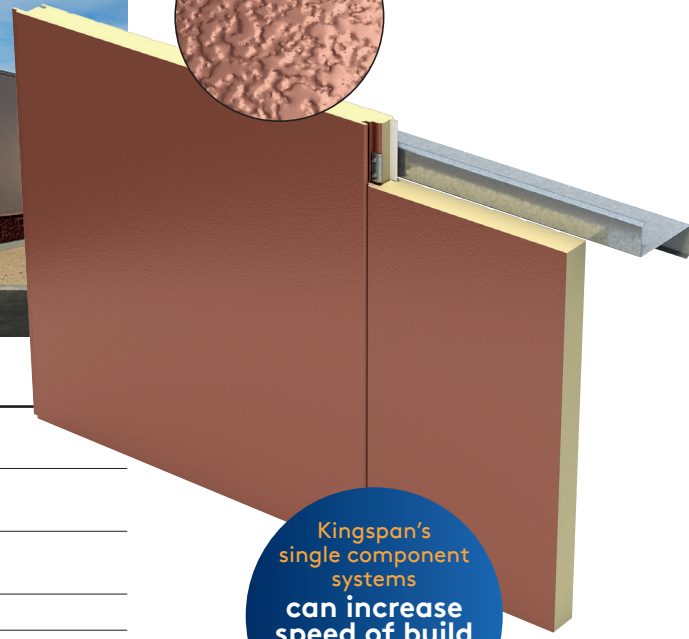
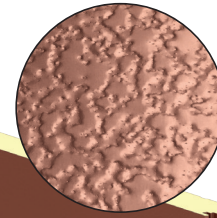


300 Series Azteco Embossed Data Sheet

Insulated Wall Panel System



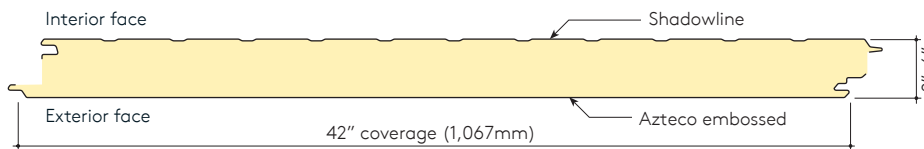
Azteco embossing



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

Product Specification

Profile:	Exterior: Flat Interior: Shadowline, Minor Rib or V-groove
Embossing:	Exterior: Azteco Interior: Stucco or non-embossed
Gauge:	Exterior: 26, 24, 22 ga Interior: 26, 24, 22 ga
Width:	42"
Thickness:	2", 2.5", 3", 4", 5", 6"
Length:	8' - 53'
Reveal option:	N/A
Orientation:	Vertical
Post fabrication:	N/A
R-value:	≈ 7.2 per inch per ASTM C518 @ 75°F ≈ 8.25 per inch per ASTM C518 @ 35°F



Applications

300 Series exterior wall panels with bold, Azteco embossing provide the look of masonry stucco for the cost of a metal panel. The flush profile is flat with no striations or ribbing, and is the most economical flat wall panel available. The interior face features a minor rib profile providing a clean, flat appearance that is easily washable. 300 Series is ideal for new and retrofit applications across commercial and industrial market sectors.

Design Features

300 Series offers the appearance of masonry stucco at a fraction of the cost. The foamed-in-place manufacturing process produces superior panels of consistent high quality that arrive to site ready for quick and easy installation, saving up to 50% in on-site construction time. Panels are available with optional factory-caulked side joints to save erection labor (not available for cold storage applications).

Customer Options

Choose from 20 in-stock Fluorpon colors or select a custom color to match your needs. For interior heavy wash down environments, plastisol (PVC) coatings as well as stainless steel facings are available.



300 Series Azteco Embossed Data Sheet

Insulated Wall Panel System

Test	Procedure	Results					
Fire	FM 4880	Class 1 Fire Rating of Insulated Wall or Wall and Roof/Ceiling Panels, Interior Finish Materials or Coatings, and Exterior Wall Systems					
	ASTM E84	Flame Spread: 25 or Less / Smoke Developed: 450 or Less					
	ULC-S101	Standard Methods of Fire Endurance Tests of Building Construction and Materials					
	ULC-S102	Standard Method of Test for Surface Building Characteristics of Building Materials and Assemblies					
	ULC-S127	Standard Corner Wall Method of Test for Flammability Characteristics of Non-Melting Building Materials					
	UBC26-4 / NFPA 285	Standard Fire Test Method for Evaluation of Fire Propagation Characteristics of Exterior Non-Load-Bearing Wall Assemblies Containing Combustible Components					
	NFPA 259	Standard Fire Test Method for Evaluation of Fire Propagation Characteristics of Exterior Non-Load-Bearing Wall Assemblies Containing Combustible Components					
Strength	FM 4881	Approval Standard for Class 1 Exterior Wall Systems					
	ASTM E72 Chamber Method	Panel load / span and deflection tables are available					
Thermal Transmission	ASTM C518	Thermal Performance at 75°			Thermal Performance at 35°		
		Thickness	U-Factor	R-Value	Thickness	U-Factor	R-Value
		2	0.07	14.4	2	0.06	16
		2.5	0.06	18.0	2.5	0.05	20
		3	0.05	21.6	3	0.04	24
		4	0.03	28.8	4	0.03	32
		5	0.03	36.0	5	0.03	40
		6	0.02	43.2	6	0.02	48
Air Infiltration	ASTM E283	0.003 CFM/ft ² of Panel Area at 6.24 psf					
Water Penetration	ASTM E331	No Water Penetration at 20.0 psf					
Fatigue	Subjected to 2 million alternate cycles of 20 PSF positive and negative wind loading	No metal / foam delamination or metal fatigue					
Humidity	Sample subjected to 100% relative humidity at 140°F for 1000 hours	No evidence of metal primer corrosion					
Autoclave	Sample placed in an autoclave device and pressurized to 2 PSI at 212°F for 2½ hours	No evidence of delamination					
Skin Delamination		No skin delamination with direct pull off pressure up to 1188 psf					

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www.kingspanpanels.com

For the product offering in other markets please contact your local sales representative or visit www.kingspanpanels.com

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