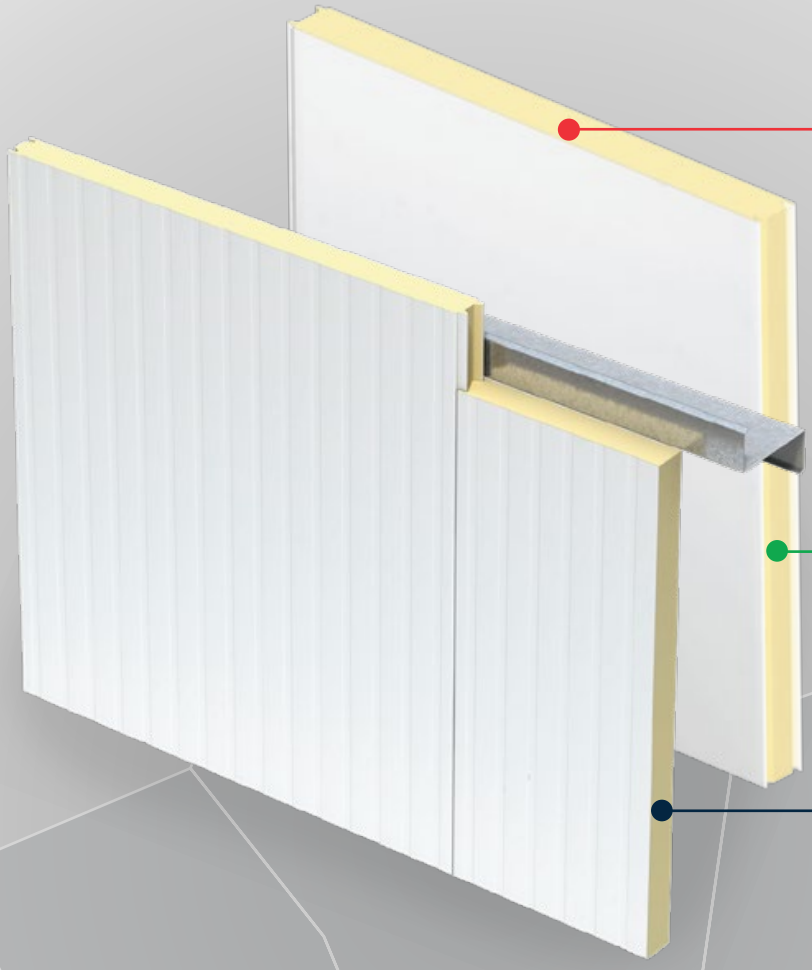
Controlled Environment Systems
México

KS Shadowline Interior
KS Flat Interior
Data Sheet



1 Greater THERMAL Performance*

*When compared with PUR polyurethane insulations

2 Planet Passionate, our SUSTAINABILITY program

3 SPEED AND EASE of installation*

*When compared with traditional construction systems

PLANET PASSIONATE

Kingspan®

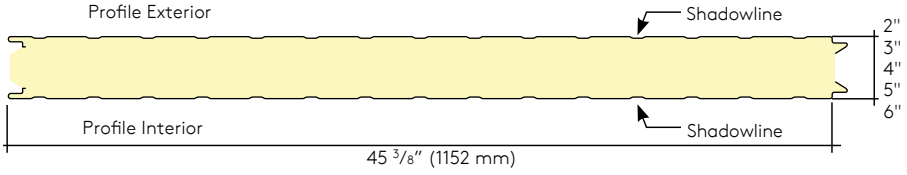
KS Shadowline Interior Data Sheet

Insulated Interior Wall and Ceiling Panel System



Panel Specification

Length:	Minimum 2.00 m; Maximum 16.00 m
Width:	1.152 m
Thickness:	2'', 3'', 4'', 5'', 6''
Profile:	Exterior Shadowline
Finished Good:	Shadowline profile, steel 26,24 or 22 gauge pre-painted G-60 or Galvalume®
Insulation Core:	Polyisocyanurate (PIR) insulating foam with a density of 31-40 kg/m^3
Base Colors:	Grayish white (RAL 9002), Aluminum (RAL 9006), Sand
Orientation:	Vertical



Applications

The KS Shadowline insulated metal panel Interior is a wall and ceiling system* designed for interior use. Its design meets the industry's high standards for a wide variety of controlled temperature environments. The tongue-and-groove joint ensures continuity of thermal insulation. With the use of the appropriate butyl sealant, an exceptional vapor barrier is achieved.

Design Features

The manufacturing process bears the distinctive design seal of our core, providing quality and consistency to our panels. Our product arrives at the job site ready to be installed easily and quickly, generating construction time savings of up to 50%.

Options

Kingspan offers a wide variety of high-performance finishes that meet the highest standards of quality for cold storage rooms, freezing, food processing and the pharmaceutical industry.

*Consult technical service for installation and design requirements.

KS Flat Interior Data Sheet

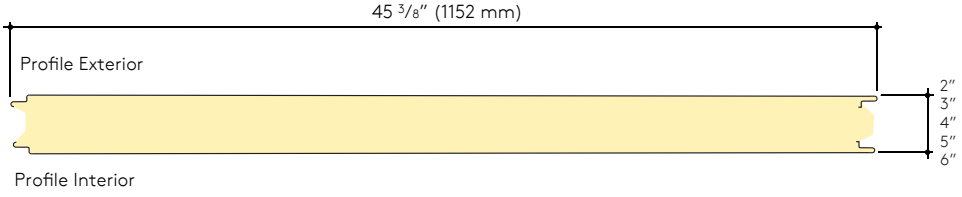
Insulated Interior Wall and Ceiling Panel System





Panel Specification

Length:	Minimum 2.00 m; Maximum 16.00 m
Width:	1.152 m
Thickness:	2'', 3'', 4'', 5'', 6''
Profile:	Exterior Flat
Finished Good:	Flat profile, steel 26,24 or 22 gauge pre-painted G-60 or Galvalume®
Insulation Core:	Polyisocyanurate (PIR) insulating foam with a density of 31-40 kg/m^3
Base Colors:	Grayish white (RAL 9002), Aluminum (RAL 9006), Sand
Orientation:	Vertical



Applications

The KS Flat Interior insulated metal panel is a wall and ceiling* system designed for interior use. Its design complies with the industry's high standards for a wide variety of temperature-controlled environments. The tongue-and-groove joint ensures continuity of thermal insulation. With the use of the appropriate butyl sealant, an exceptional vapor barrier is achieved.

Design Features

The manufacturing process bears the distinctive design seal of our core, providing quality and consistency to our panels. Our product arrives at the job site ready with an insulating core that provides superior benefits, generating construction time savings of up to 50%.

Options

Kingspan offers a wide variety of high-performance finishes that meet the highest standards of quality for cold storage rooms, freezing, food processing and the pharmaceutical industry.

*Consult technical service for installation and design requirements.

KS Shadowline Interior | KS Flat Interior
Data Sheet

Insulated Interior Wall and Ceiling Panel System

Performance Testing and Approvals

Test	Procedure	Results	
Bulk Density	NMX-C-126-ONNCCE-2010	31.79	kg/m³
Thermal Conductivity	NMX-C-181-ONNCCE-2010	0.0217	W/mK
Water Vapor Permeability	NMX-C-2010-ONNCCE-2013	0.087	ng/Pa*s*m
Water Absorption	NMX-C-228-ONNCCE-2013	2.079	% by Weight

The theoretical weight of the panel per square meter is calculated using 26-gauge G60 galvanized steel for both the interior and exterior faces. Panel weight may vary depending on the steel coating, gauge, and the configuration of the interior and exterior steel sheets. For alternative configurations, please contact technical.mx@kingspan.com.

Contact

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KS Shadowline Interior - Latest version here

KS Flat Interior - Latest version here

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