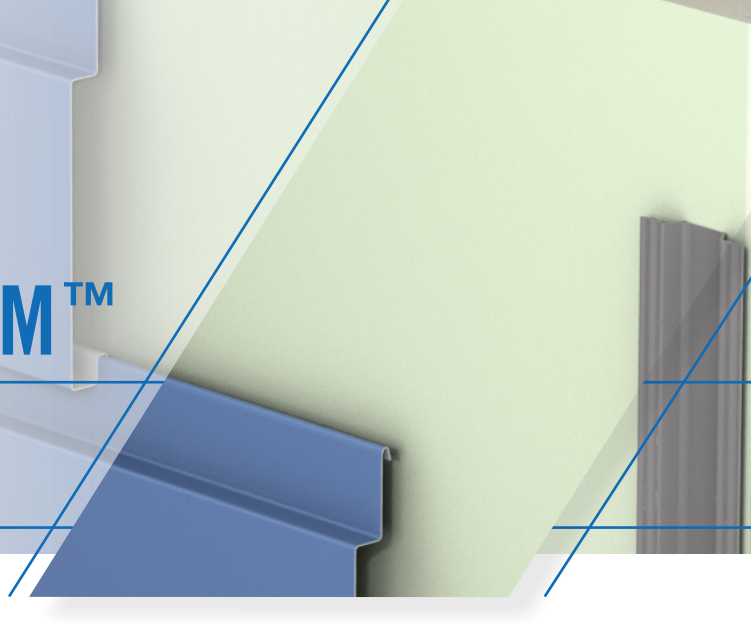
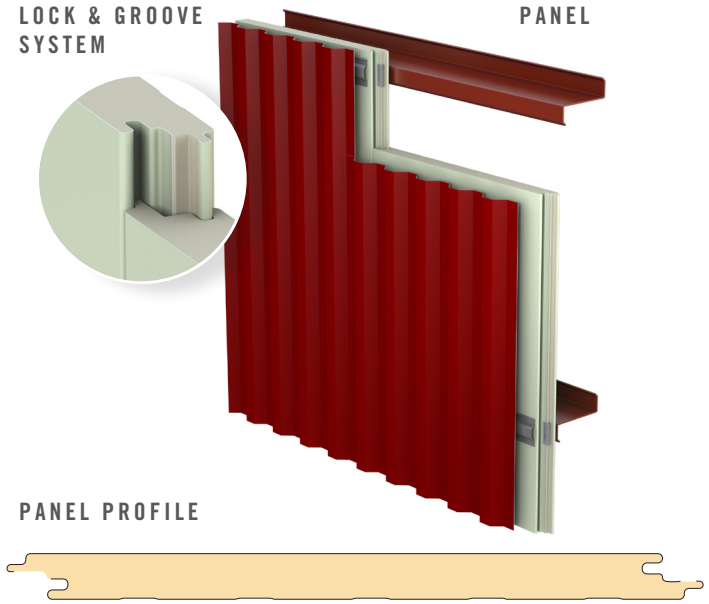
METL SPAN®
INSULATED METAL PANELS

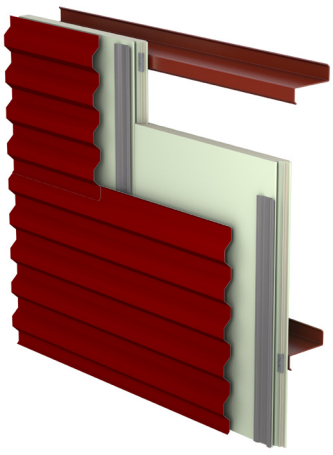
BW STRETCH SYSTEM™

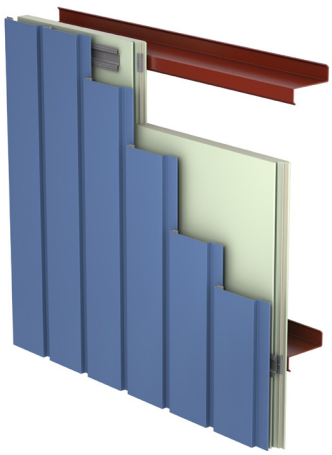
INSULATED METAL WALL PANEL SYSTEM



The BW Stretch System is the ultimate backup wall system providing superior air, water, thermal and vapor protection in an all-in-one barrier component. It can be vertically installed with multiple types of exterior rainscreen systems and can span up to 6 ft. o.c. This unique insulated metal panel wall system introduces the new standards in cost savings, design integrity and sustainability. Easily and quickly installed in a single step, the BW Stretch System eliminates the need for multiple work crews, expediting close-in/dry-in building times and reducing the likelihood of improper installation.







Metl-Span: All-In-One Performance
1720 Lakepointe Drive, Suite 101, Lewisville, Texas 75057 (p) 877.585.9969 (w) metlspan.com

BW STRETCH SYSTEM™

PRODUCT SPECIFICATIONS

WIDTH • 30", 36"

THICKNESS • 2", 2¾", 4"

LENGTH • 12'-0" or 20'-0" Vertical

EXTERIOR PROFILE • No profile, unembossed

EXTERIOR FACE • G-90 galvanized steel in 22 Ga. with epoxy primer finish

INTERIOR PROFILE • Shallow Planked, nominal 3⁄64" deep, unembossed

INTERIOR FACE • G-90 galvanized steel in 26 Ga. with epoxy primer finish

CORE • Foamed-in-place polyisocyanurate

JOINT • Double tongue-and-groove

THERMAL VALUE • k-Factor* @75°F (24°C) is 0.147

U-FACTORS AND R-VALUES

u-factor (BTU/h·ft^2·°F)**

PANEL WIDTH: 36"	75°
2"	0.076
2¾"	0.056
4"	0.041

R-value (h·ft^2·°F/BTU)*

PANEL WIDTH: 36"	75°
2"	13.6
2¾"	18.7
4"	27.2

*k-Factor Units: BTU in/ft^{2}hr. °F, Based on ASTM C518, 75° core mean temp.
**Based on ASTM C1363, 75°F core mean temp.

DESIGN FEATURES & BENEFITS

- Provides air, water, thermal and vapor barrier in one step
- Allows you to use multiple façade options while not reducing thermal efficiency
- Easy and fast installation, with reduced construction and labor costs
- Encloses the building faster in all weather conditions

TESTING

TEST/APPROVAL	TEST METHOD	TEST TITLE	RESULTS
Fire US	ASTM E84	Surface Burning Characteristics of Building Materials	Flame Spread < 25 Smoke Developed < 450
	NFPA 259	Test Method for Potential Heat of Building Materials	Potential heat of foam plastic insulation contained in the assembly tested in accordance with NFPA 285-19
	NFPA 285-19	Evaluation of Fire Propagation Characteristics of Exterior Non-Load-Bearing Wall Assemblies	Representative mockup tested in accordance with NFPA 285-19. Contact Metl-Span for complying wall assemblies
Fire Canada	CAN/ULC S101	Fire Endurance Tests of Building Construction and Materials	Meets Acceptance Criteria per the National Building Code of Canada
	CAN/ULC S102	Surface Burning Characteristics of Building Materials and Assemblies	Meets the Acceptance Criteria per the National Building Code of Canada
	CAN/ULC S134	Fire Test of Exterior Wall Assemblies	Meets Acceptance per the National Building Code of Canada. Testing preformed on panel only
Structural	ASTM E72	Strength Tests of Panels for Building Construction	See load/span tables
Thermal Performance	ASTM C518	Steady-State Thermal Transmission Properties by Means of the Heat-Flow Meter Apparatus	k-Factor of 0.147 BTU·in/hr·ft2·°F at 75°F mean core
	ASTM C1363	Thermal Performance of Building Materials and Envelope Assemblies	See Thermal Performance Guide
Air Infiltration	ASTM E2357	Rate of Air Leakage Through Curtain Walls Under Specified Pressure Differences	Meets Acceptance Criteria per the International Energy Conservation Code and the National Energy Code of Canada. Maximum Air Infiltration Rate of 0.004 cfm/sq. ft. at a static-air-pressure difference of 1.57 psf