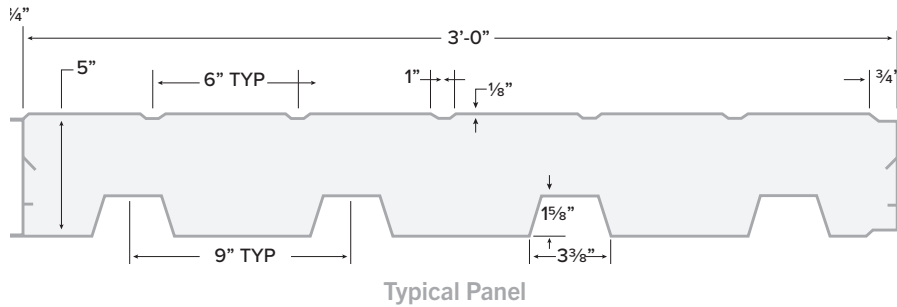


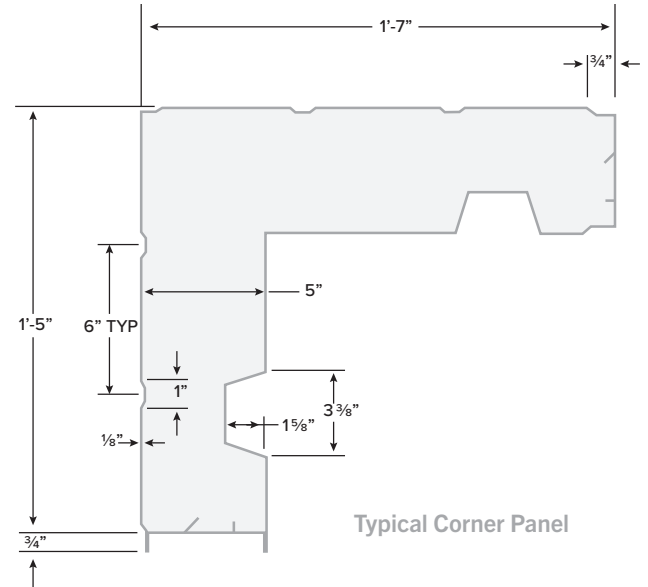


SUMMIT STRUCTURAL INSULATED STEEL PANELS

Artspan® structural insulated steel panels set the standard of excellence in the insulated metal panel market. Our proprietary and innovative panels provide structural building envelope solutions for a wide range of structures, in a variety of different industries.



Typical Panel



Typical Corner Panel

TECHNICAL SPECS

Coverage Width - 36" (1,067mm)

Thickness - 5" (127mm)

Panel Lengths - 4' - 54' (1219mm to 16,154mm)

Foam Core - Polyisocyanurate (minimum density of 2.5 lbs/cu.ft)

Effective R-Value - 28.5 (tested in accordance with ASTM C518)

Exterior Face - 24 ga or 26 ga light corrugated pre-painted Grade 33 steel (conforms to ASTM A792), Z275 or AZM150 finish, embossed texture

Interior Face - 24ga deep corrugated pre-painted Grade 33 Steel (conforms to ASTM A792), Z972 or AZM150 finish

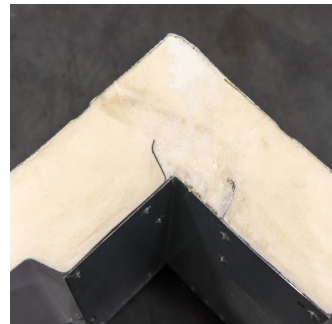
Weight - 9.94 lbs/lineal foot or 3.31 lbs/sq.ft. (based on 24 ga exterior/interior face)

Fire Rating (tested in accordance with CAN/ULC S101) - 51 minutes

Flame Spread Rating (tested in accordance with CAN/ULC S102-10) - 10

Smoke Developed Classification (tested in accordance with CAN/ULC S102-10) 215

STC rating – 26 (tested according to ASTM E90 standard)



Portions of this product may be covered by one or more U.S. or Canadian patents and/or pending patent applications.

ADVANTAGES

Mold and fire resistant

Panels can be pre-cut to desired lengths, pitch

Tongue & groove connection provides exceptional strength

Foam-to-foam bond with sealant provides outstanding building air tightness

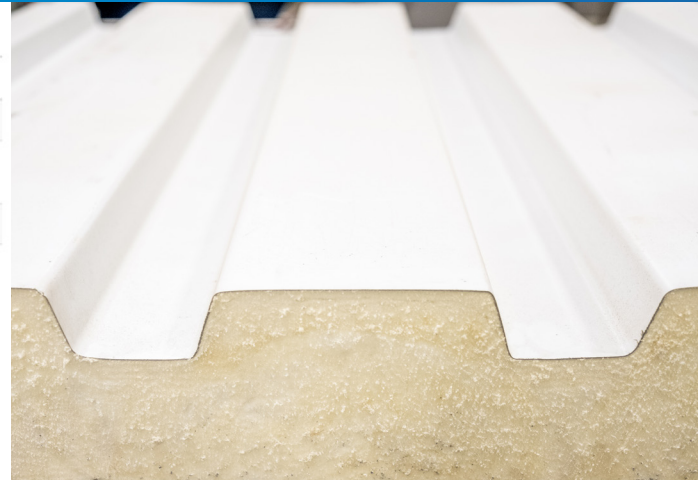
Patented solid foam one-piece corner

One-pass construction can reduce or eliminate the need for structural framing

Panel Orientation	Design Criteria	Allowable Loads (PSF)															
		4'	5'	6'	7'	8'	9'	10'	11'	12'	13'	14'	15'	16'	17'		
Flat Side Up	Bending / Shear	500	400	300	220	169	133	108	89	75	64	55	48	42	37		
	Deflection (L/180)	400	225	149	110	90	85	80	73	65	58	50	42	23	13		
Flat Side Down	Bending / Shear	500	400	333	253	193	153	124	102	86	73	63	55	48	43		
	Deflection (L/180)	400	225	150	110	90	85	80	73	65	58	50	42	23	13		

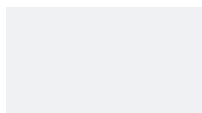
TABLE NOTES:

1. Tables based on allowable stress design.
2. Based on 5" Artspan® panel with 24 ga light profile exterior and 24 ga fluted interior panel (Min Grade 50 ksi)
3. Structural capacity of the purlins/girts are not considered and must be examined independently
4. Fasteners are not considered and must be examined independently



AVAILABLE COLOURS

STANDARD COLOURS



WHITE WHITE



TAN



STONE GREY



CHARCOAL

PREMIUM COLOURS



MOCHA



COLONIAL RED



REGAL BLUE



HARTFORD GREEN



BLACK



ESPRESSO



FRONTIER

NOTES

1. Colours may not appear exactly as shown above and may vary slightly.
2. Please confirm prior to either Specifying, Estimating, or Ordering.
3. Final colour selection should be made from a steel colour sample.
4. Colour selection may be subject to availability.
5. Custom colours available upon request.

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Artspan® Inc. is owned by WGI Westman Group Inc., a dynamic entrepreneurial group of companies that operate manufacturing, sales and distribution facilities in 77 centers in Canada and the US while maintaining dealer networks across North America, and a worldwide customer base.