

LEXAPANEL™

Polycarbonate Standing Seam System

“Elegant Protection from the Elements”

The LEXAPANEL™ Standing Seam System delivers the strength, weatherability, clarity, and thermal insulation of the LEXAN™ multiwall polycarbonate sheet. The freedom to choose sheet width, color and coating gives architects and builders exceptional flexibility to create sustainable and beautiful translucent roofing and glazing elements.

Compared to traditional translucent systems, LEXAPANEL™ Standing Seam construction provides superior quality of diffused daylight, increases impact protection, and reduces wind uplift. The snap-on connection system eliminates the need for aluminum connectors and reduces installation time and costs. The LEXAPANEL™ Standing Seam System is perfect for applications that provide shade and protection from the elements.



The Freedom to Choose

LEXAPANEL™ Polycarbonate Standing Seam System

Why LEXAPANEL™ Standing Seam System?


The LEXAPANEL™ Standing Seam System is an innovation that addresses many different building and construction challenges - including cost and design freedom - with one versatile concept.

LEXAPANEL™ benefits architects, builders and integrators by simplifying the use of standing seam designs and encouraging integration of transparent glazing and roofing elements that admit light.

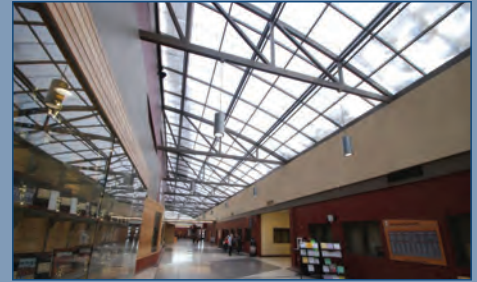
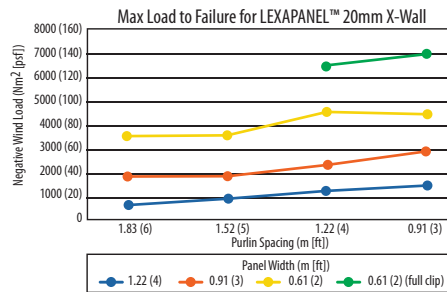
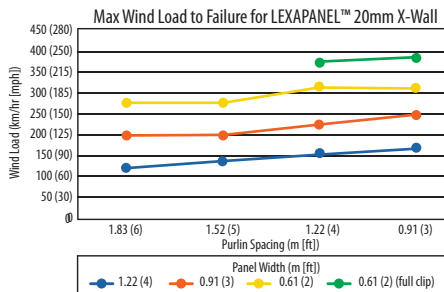
Typical Properties	LEXAPANEL™	LEXAPANEL™	LEXAPANEL™
	Clear	Bronze	Opal*
Light Transmission (%)	58	3.0	4.1
Shading Coefficient	0.76	0.52	0.52
Solar Heat Gain Coefficient	0.66	0.45	0.45

Light Measurements According to ISO 9050 (EN410) Large sphere Spectro on a 24 x 24 in (600 x 600 mm) sample.

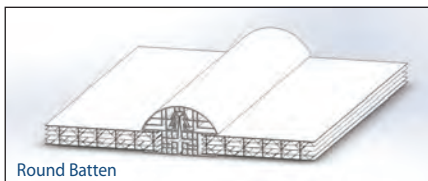
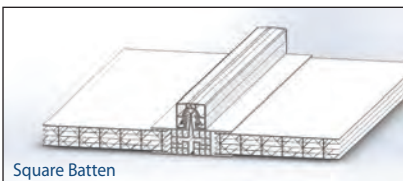
* Properties for Opal are per ASTM E972/ASTM E1084 and NFRC 201-2010.



The high strength and variable nature of the LEXAPANEL™ Standing Seam System makes it a very adaptable daylighting solution. The large sizes provide economical solutions and offer adjustable design options.



Available Connection Systems



Standing Seam is a type of connection between adjacent sheets. The edges of two adjacent panels are turned up and then folded or interlocked in a variety of ways. Standing Seam designs reduce the use of gaskets and sealants, minimizing the chance for leakage. More light can be added into a building without added complexity!

In addition to polycarbonate U-Profiles, simple break metal can be used for trimming or edging. These can be provided with the LEXAPANEL™ or produced on-site as needed for a project.

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