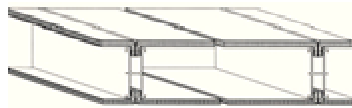


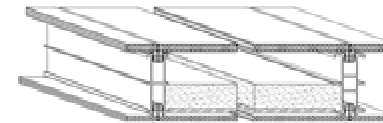
Quadwall® – A Scalable Daylighting Panel

A High Performance Daylighting Panel System With *Two Layers of Building Envelope Protection*

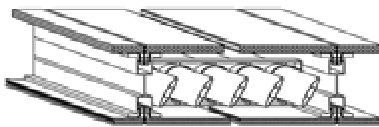
The Most Advanced, Ingenious, Scalable, and Cost Effective Architectural Translucent Daylighting System in the market!



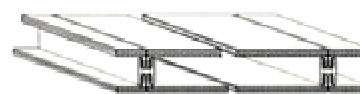
Quadwall Longspan System



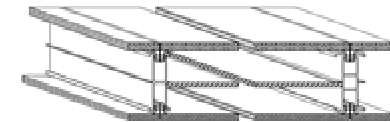
Class A Fire Rated Roof Assembly



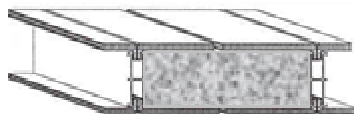
SolaQuad Controlled Daylighting



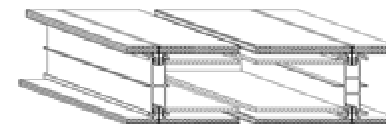
2.75" Quadwall System



**Military Forced Entry Resistance
 Human Impact – 2000 Ft Lbs**



Custom Insulated Quadwall System


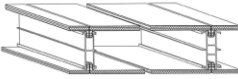
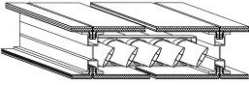
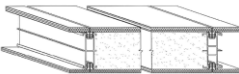
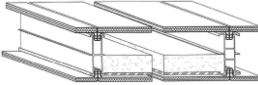

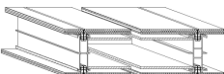


Quadwall Sound Reduction System

Scalable Translucent Daylighting System

High Performing Daylighting Panels with Double Layers of Building Envelope Protection!

Quadwall® is an ingenious scalable assembly of two independent translucent Pentaglas® glazing panels. This design, using Nano-Cell® glazing technology provides increased control over light, solar transmission, colors, insulation levels and structural performance. The double panel design extends system longevity indefinitely by replacing only the exterior glazing panel without exposing the building's interior. The interior glazing panel remains intact for the life of the building envelope. The **Quadwall®** system is scalable as shown below:

	Infill	Performance
2.75" Quadwall System 	Standard 2.75" panel thickness	U Value of 0.23 per NFRC 100-2010 at center of glazing with no need for added insulation material. Maximum light transmission to insulation ratio. Wide range of exterior and interior glazing colors, light transmission and SHGC. Matte finish SoftLite surfaces. High diffusion.
Quadwall Longspan System 	A range of structural aluminum standing seam connectors for panel thickness of 2.75" and 4"	All the advantages of a Quadwall system with added structural performance, allowing for greater spanning capabilities and structural performance.
SolaQuad Controlled Daylighting 	IntelSun SolaBlades	IntelSun SolaBlades within the Quadwall system provide controlled daylighting. The intelligent IntelSun system gauges the sun's position, then the SolaBlades dynamically provide the desired sunlight transmission and shading inside the space - no more and no less.
Quadwall with Extra Insulation 	Various options for extra light transmitting insulation	Added insulation provides a U Value in the range of 0.10 to 0.23. The Light Transmission is reduced as the insulation level increases.
Class A Fire Rated Roof 	Light transmitting fire resistant infill	Class A, B or C exterior fire rated roof assembly listing per ASTM E-108, UL790 U Value is 0.16
Forced Entry Resistance or Human Impact – 2000 Ft Lbs 	Various options for light transmitting Forced Entry Shields, or Human Impact Shields	5 Minute Forced Entry rating per Department of State certification standard SD-STD-01.01 (Forced Entry and Ballistic Resistance of a Structural System). Human Impact – Interior rating of 2000 Ft Lbs U Value in the range of 0.14 to 0.18 depending on the infill
Sound Reduction 	Various light transmitting sound reduction assemblies	Custom STC rating of 32 to 43 depending on the assembly. U value is in the range of 0.08 to 0.14, depending on the infill.

