

Day-Lite Klick Data Sheet



Application

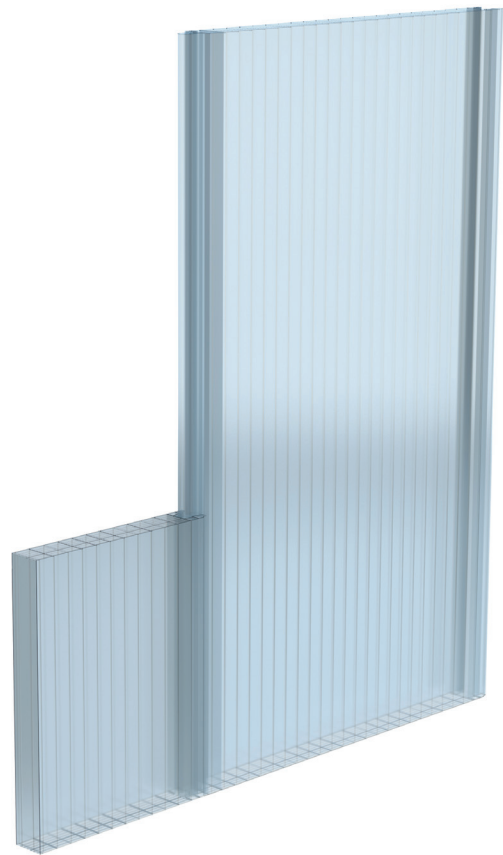
Kingspan Light + Air’s Day-Lite Klick system is a structural polycarbonate translucent daylighting system designed for use in the vertical plane. Offering a great performance value, Klick is ideal for use in industrial, warehousing, and education projects that need natural daylighting. It can be coordinated with Kingspan insulated panel systems, but is flexible enough to be used with any other adjacent cladding system. With its fast lead time, light weight, and simple “Klick” panel connection, Klick can be implemented very quickly.

Clear and Opal are the standard colors, but other panel options such as blue, anti-glare, and reduced infra-red are also available.

Specifications

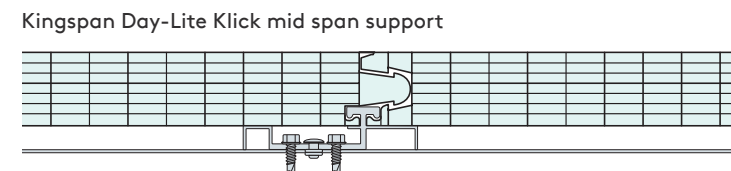
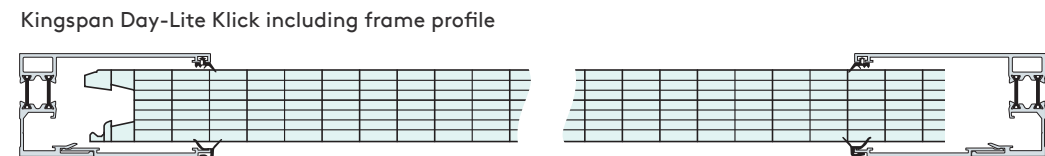
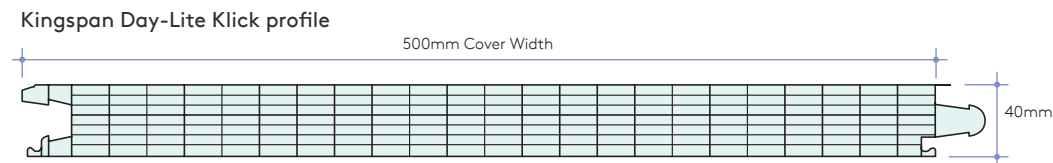
	40mm (8 wall)	
U value W/m²K	0.98	
Weight kg/m²	4†	
Module width	500mm	
Maximum panel height	12m	
Typical maximum span	1.25 to 2m	
Standard Colours	Clear	Opal
Fire Classification EN 13501-1	Bs1d0	Bs2d0
Visible Light Transmission (VLT)	60%	49%
Solar Heat Gain Coefficient (G)	0,50	0,40
Sound Reduction Index SRi (dB)	21dB	
Ball Shot resistance (DIN18032)	T3	

Notes:
† A full system weight, including perimeter extrusions, will depend on project-specific design. Please contact the Kingspan Technical Services Department for more information.The U-value has been calculated using ISO 6946:2008. Visible Light Transmission per NF P 38-511, tolerance of +/- 3%



Kingspan Day-Lite Klick

The Klick system starts with a two piece “U” shaped frame that surrounds the entire perimeter of each Klick opening. Once this is secured to the building’s structure, the Klick panels are slid into place with each adjacent panel “Klick”ing into the previously placed panel. If the opening is taller than the span tables below indicate the panel can span, then mid-span support needs to be provided; where each edge of panel crosses this support, a hidden clip grabs a flange of the panel and secures it back to the building. This allows for hardware to remain hidden.



Technical Specification

Sustainability

With a U-Value of 0.98, Klick offers insulation on par with modern double-pane insulated glass systems. When a project needs to be re-skinned or demolished, the aluminum and polycarbonate that makes up the vast majority of the system can be 100% recycled.

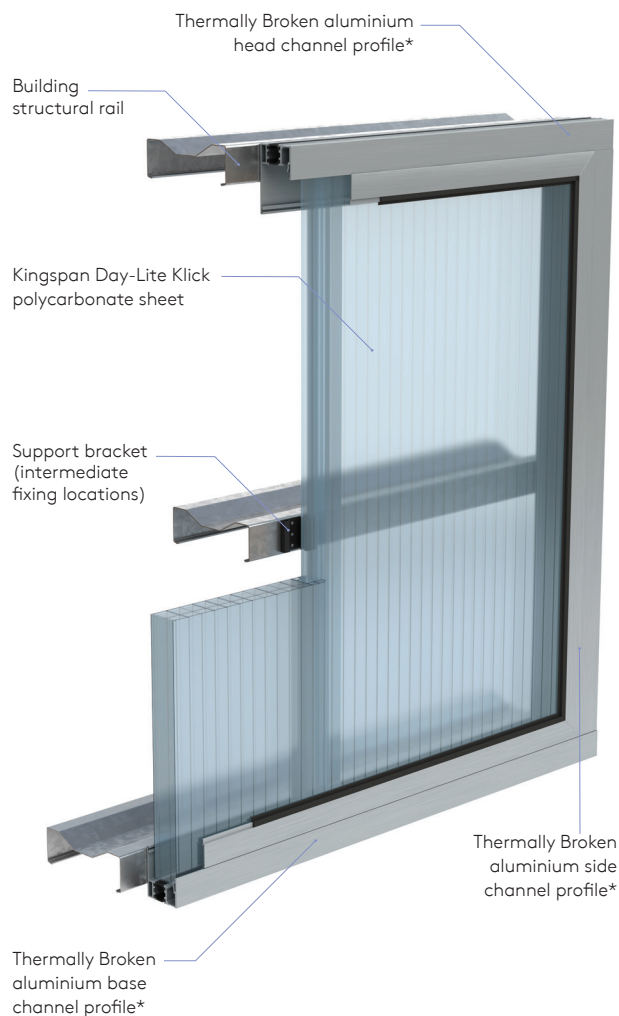
Durability

The 40mm thick Klick panel is a proprietary polycarbonate design. While polycarbonate itself is inherently impact resistant, in its pure state, it has low UV-Stability. We have added an integral UV-Inhibitor to the exterior layer of the panel that allows the panel to last long term. Being integral to the plastic means its not possible for this protective layer to peel or wear off like the protective barrier other plastic glazing systems use.

Structural Tables (Factor of 2)

Unfactored load /span tables (use unfactored calculated design wind load values).

Below are general guidelines to assist in design, please always consult with Kingspan Light + Air to verify the spanning capabilities on a per project basis. You can reach our team at KLAtestical@Kingspan.com



Single Span Condition

Number of Supports	Wind Pressure (Pa)	2.50m	2.20m	2.00m	1.75m	1.50m	1.25m
2 Supports	Pressure	450	600	750	1000	1500	1750
	Suction	450	600	750	1000	1500	1750
3 Supports	Pressure	900	1250	1600	2500	2700	3000
	Suction	900	1050	1200	1400	1600	1800

Contact us

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