



DANPAL[®] COMPACT

Total Transparency with
High Impact Resistance



OUTDOOR



FAÇADE



SKYLIGHT



NORTH AMERICA



**PERFECT CLARITY
WITH HIGH IMPACT
RESISTANCE**



**DANPAL COMPACT BRINGS
TRANSPARENCY WITHOUT LIMITS.
BRILLIANT LIGHT TRANSMISSION
WITH THE FLEXIBILITY OF A SIMPLE
INSTALLATION ON A STRAIGHT OR
CURVED ROOF**

Glass-like appearance

Enjoy the appearance of glass together with all the advantages of polycarbonate.

Danpal® Compact is a 4mm thick solid panel that provides a 'glass-like' appearance, together with strength, insulating qualities, flexibility, curving ability, low weight and UV protection.

Freedom to design spectacular glazed areas of unlimited size and shape

The Danpalon® standing-seam connection system allows architects complete freedom to design spectacular glazed areas of unlimited size and shape. The entire assembly uses no caulking or adhesives, eliminating the difficulties of sealant and adhesive bond failure common to traditional systems.

EXPAND YOUR CREATIVITY WITH CURVABILITY AND GLASS-LIKE TRANSPARENCY

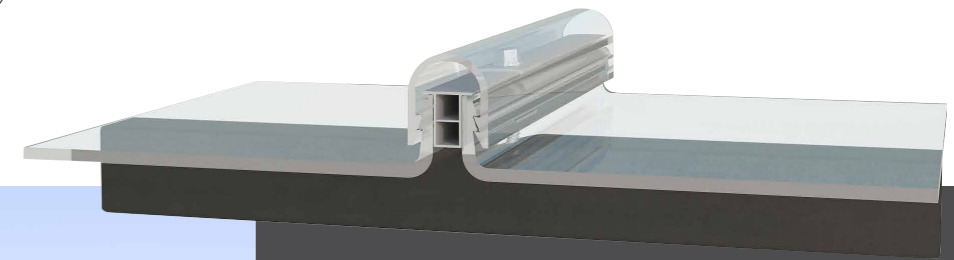
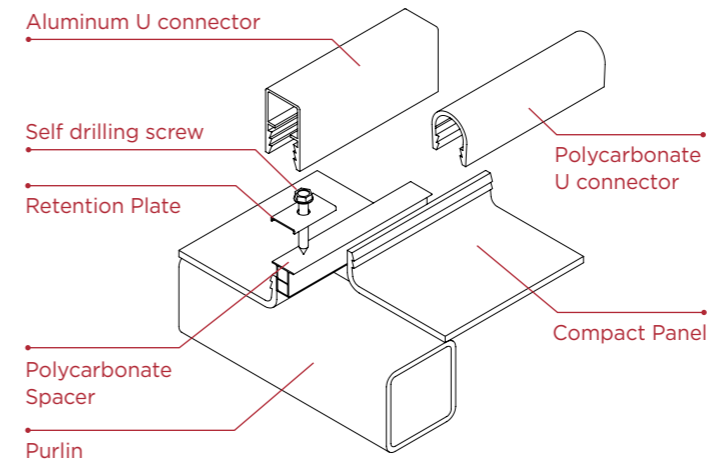


Office Building, Spain | Danpal® Compact | Architect: Pich Aguilera

WHAT MAKES DANPAL® COMPACT UNIQUE IS THE STANDING SEAM CONNECTION METHOD AT THE HEART OF THE SYSTEM

The Danpal® Compact system consists of:

- Transparent 4mm compact panels, extruded with a vertical standing seam at both sides of the panel.
- A snap-on connector (aluminium or transparent polycarbonate) interlocking to connect the panels.
- A transparent polycarbonate spacer profile. The system is free-floating. Every component is free to thermally expand or contract at its own rate, maintaining the structural properties for the life of the material.



SYSTEM BENEFITS

- Pure transparency
- Lightweight
- Long panels, curvable on site
- Waterproof
- Easy installation
- Impact resistance

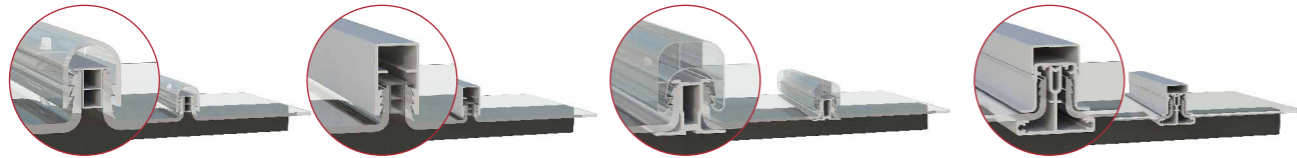


Karrawatta Wines, Australia | Danpal® Compact
Shopping Center, Colombia | Danpal® Compact



Residential, Danpal® Compact, Sydney Australia

COMPACT SYSTEM VARIETY



COMPACT TRADITIONAL SYSTEMS	COMPACT ALU SPACER SYSTEM	COMPACT FREE SPAN SYSTEM
<ul style="list-style-type: none"> Polycarbonate or aluminum connector Polycarbonate spacer Polycarbonate connector system can be curved on site 	<ul style="list-style-type: none"> Polycarbonate connector Aluminum spacer Longer spans for curved installation 	<ul style="list-style-type: none"> Full aluminum system Long spans

THE FREEDOM TO BRING YOUR VISION TO LIFE - IN ANY SIZE, ANGLE OR COLOR

Aluminium or polycarbonate connectors offer architects a high degree of freedom in terms of exterior building design. Up to 39' long panels are available as straight, cold formed, or thermoformed, cold bent, or thermoformed to form tight curves. Danpal® Compact is available in all color ranges - easily adapting to all creative transparency ideas.



Playground, Spain | Danpal® Compact | Architect: Kepa Sacristan



Zankoeta School, Spain
Danpal® Compact
Architect: José Montajes Mentxaka

Sangji School Bus Stop, Korea
Danpal® Compact
Architect: Sehwa

Plaza Euskal Exteen, Spain
Danpal® Compact
Architect: LKS

DISCOVER OUR RICH COLOR PALETTE

Danpal offers a rainbow of colors. From the purity of crystal to vibrant red or any color inbetween. Designers have the freedom to choose the color and light transmission to create a unique atmosphere.

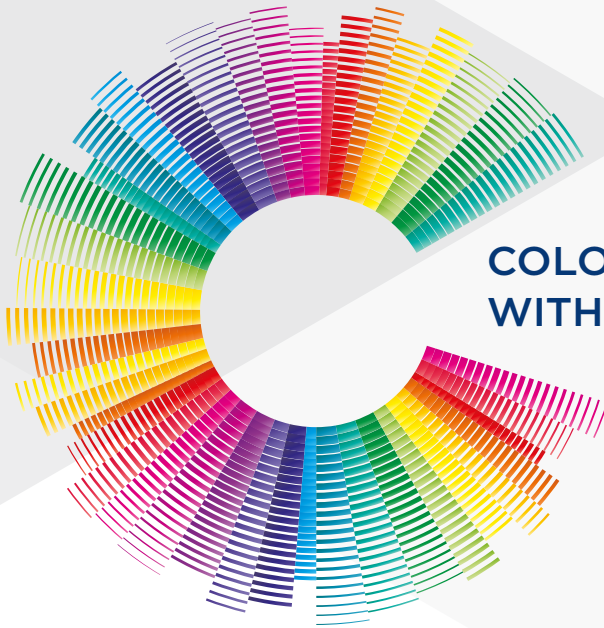


TECHNICAL FEATURES

	COMPACT	
Module (mm)	Traditional and Free span systems 600mm	Alu spacer systems 605mm
Structure	Solid- monolithic extrusion	
Thickness (mm)	4mm	
Length*	Standard up to 39 feet	
Fire resistance (2)**	B-s1, d0	
Flame Spread	Class A	
Smoke Density		
Ignition Temperature	CC1	
Rate of Burn		
Ug (W/m2.K)	5.2	
U-value (BTU/HrSqt°F)	0.91	
Concentrated load OSHA/CalOSHA	800 lbs in 1 sqft area	
ICC ESR	ESR-5022	
Slope (connector installed to the external)	Roofing: 5° (or 9%) (4) / Shed 30° (or 58%)	
Minimum radius for cold curving (Ft)	3.2m / 10'-6"	
Non - fragility	Roofing: 1200 J - Class B	
Stability in seismic zone	On request	
Digital printing	Can be applied under specific conditions Contact Danpal Technical Services for further details	
ISO Certifications - Glazing	ISO 9001 & 14001	
Warranty	10 year standard manufacturer warranty	

* Can be longer upon request

** Danpal is engaged in constant innovation. We reserve the right to modify our products, specifications and test data. Contact Danpal Technical Support for the most up to date information.



COLOR YOUR ATMOSPHERE WITH THE DANPAL® PALETTE

ABOUT THE COMPANY

Innovative light architecture systems for building envelopes

Danpal® are creators of exceptional light-transmitting architectural systems for building envelopes, providing optimal solar and thermal comfort.

For 50 years, our innovative systems have helped architects to transform light (both natural and artificial) into a powerful and versatile tool, for architectural creations that are internally and externally radiant.

An industry visionary, Danpal® are originators of the Danpalon® translucent panel standing seam system - a light architecture solution used around the world in commercial, education, transport, health, sports and high-tech projects.

Today, the company offers complete systems - providing total solutions for the building envelope. Danpal® designs, manufactures and distributes an unmatched range of daylighting systems for all types of building requirements - from Façades, cladding, roofs, skylight, shading, to interior and outdoor applications.

Danpal® systems are built around innovative technologies, deep architectural know-how and the ever evolving needs of our clients. Operating in five continents, Danpal® inspires architectural creativity with its rainbow of light architecture solutions.

Danpal® Compact is an integral part of Danpal's range of systems - giving you a complete solution



FAÇADE



CLADDING



SKYLIGHT



OUTDOOR



SHADING



INTERIOR

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