

DANPAL INTERIOR PARTITION AND CEILING SYSTEM



GENERAL NOTES

DRAWING INFORMATION:

This drawing set is only applicable to the standard Danpal Interior Systems using Danpalon® Multicell panels and related accessories. © Copyright 2020 Danpal Australia Pty Ltd.

FLASHINGS AND SEALANT:

Any flashings shown are indicative only. Suitable flashings should be designed and installed to ensure water runoff is adequately controlled and directed to suitable drainage provisions.

If required, only use neutral cure non-acetic silicone that is polycarbonate compatible.

Flashings and sealant are not supplied by Danpal.

SUB-STRUCTURE:

The sub-structure must be suitably designed by an engineer to withstand expected loads and should be designed to provide suitable support to the Danpal System, ensuring that Danpal maximum spans are not exceeded.

WARRANTY:

All Danpal materials are covered against defects by a 10 Year Commercial Limited Warranty. For further details or for project-specific warranty variations, please consult Danpal Australia.

DANPAL® STANDARD COMPONENT DETAILS ARE INTENDED ONLY AS A GUIDE.

FOR PROJECT-SPECIFIC ENGINEERING DOCUMENTATION BY AN APPROPRIATELY QUALIFIED ENGINEER.



Dan Pal Australia Pty Ltd
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Sheet Title:
TITLE PAGE AND GENERAL NOTES

Drawing Series:
DANPAL INTERIOR SYSTEM STANDARD DETAILS

Drawn:
HL

Sheet Scale:
NTS

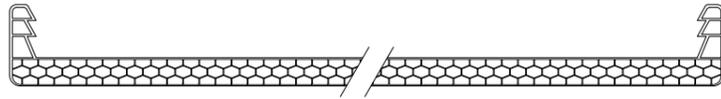
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12/11/2020

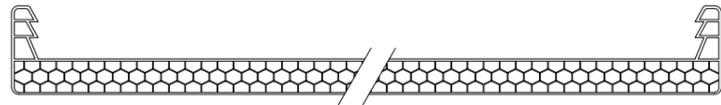
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DANPALON PANEL OPTIONS



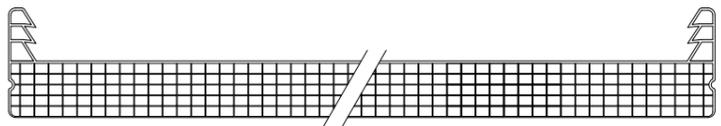
DP8 - 8mm Honeycomb
 (600mm width)
 Weight: 1900gsm
 Stocked in Clear, Opal, Reflective Ice and Reflective Grey
 Other colours available to order



DP10 - 10mm Honeycomb
 (600mm width)
 Weight: 2666gsm
 Stocked in all Reflective, Standard and Premium colours
 Other colours available to order



DP12 - 12mm Multicell
 (900mm width)
 Weight: 2840gsm
 Stocked in Softlite Ice and Reflective Grey
 Other colours and 600mm width available to order

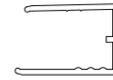


DP16 - 16mm Multicell
 (600mm or 1040mm width)
 Weight: 3666gsm
 Stocked in Clear (1040mm only), Opal (1040mm only), Ice, Softlite Ice (1040mm only) and Reflective Grey
 Other colours and 900mm width available to order

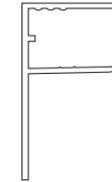


3DLite - 22mm Louvred Panel
 (600mm width)
 Weight: 3100gsm
 Stocked in White
 Other colours available to order

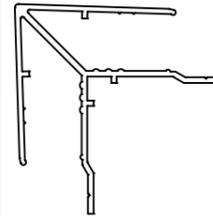
CAPPING PROFILES



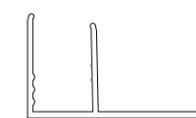
DPAECLW - Aluminium Light Weight End Cap
 Stocked in Mill Finish
 Anodising and Powdercoating available to order
 Suitable for 10mm and 16mm Danpalon® Panels
 (*16mm variant shown)



DPAFS - Aluminium F-Section Profile
 Stocked in Mill and Clear Anodised Finish
 Powdercoating available to order
 Suitable for 8mm, 10mm, 12mm and 16mm Danpalon® Panels
 (*16mm variant shown)

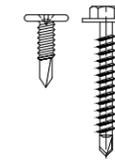


DPAECOP - Aluminium Corner Profile
 Stocked in Mill Finish
 Anodising and Powdercoating available to order
 Suitable for 16mm Danpalon® Panels



DPALH - Aluminium Head / Sill Profile
 Stocked in Mill Finish
 Anodising and Powdercoating available to order
 Suitable for 8mm, 10mm, 12mm, 16mm Danpalon Panels
 (*16mm Variant Shown)

FIXINGS

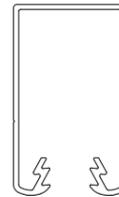


WS16/22/35 - Wafer Screw 16mm / 22mm / 35mm
TEK25 - Hex Head Screw 25mm
 Self-Drilling screws suitable for Metal and Timber (specify substrate when ordering)
 Zinc-Galv. and Stainless Steel options available to order

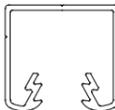
CONNECTOR OPTIONS



DPC - Polycarbonate Connector
 Stocked in all available panel colours



DPAC54 - Aluminium Connector (54mm)
 Stocked in Mill and Clear Anodised Finish
 Powdercoating available to order



DPAC30 - Aluminium Connector (30mm)
 Stocked in Mill and Clear Anodised Finish
 Powdercoating available to order



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COMPONENT DETAILS

Drawing Series:
DANPAL INTERIOR SYSTEM STANDARD DETAILS

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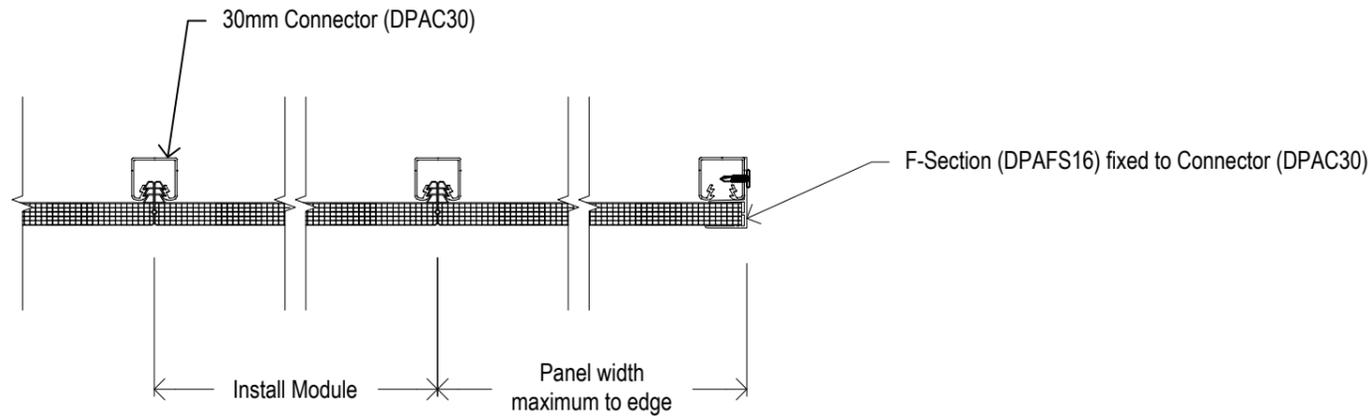
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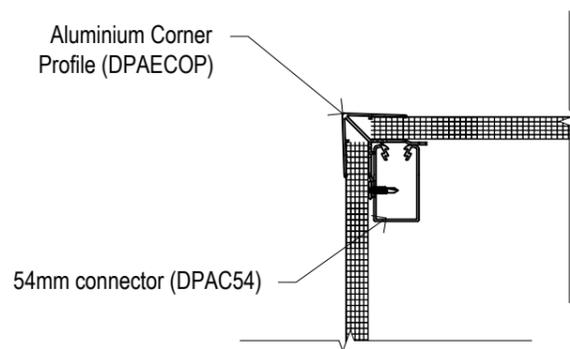
PANEL SET OUT		
Panel Thickness	Panel Width	Install Module
8mm	600mm	601mm
10mm	600mm	601mm
12mm	900mm	901mm
16mm	1040mm	1041mm
3DLite	600mm	601mm

PARTITION SPAN TABLE					
Connector	8mm	10mm	12mm	16mm	3DLite
Polycarbonate Connector (DPC)	1200	1500	1500	1600	1500
30mm Aluminium Connector (DPAC30)	2700	3000	3000	2800	3000
54mm Aluminium Connector (DPAC54)	3200	3500	3500	3300	3500

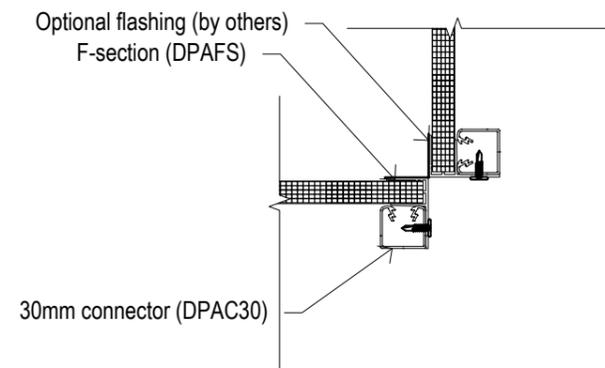
Above figures are in millimetres (mm).
Internal use suggested span limits where wind and other live loads don't apply.
Curved spans with horizontal panels vary according to desired radius up to 30%.
Please consult Danpal Australia for any other situations and more information.



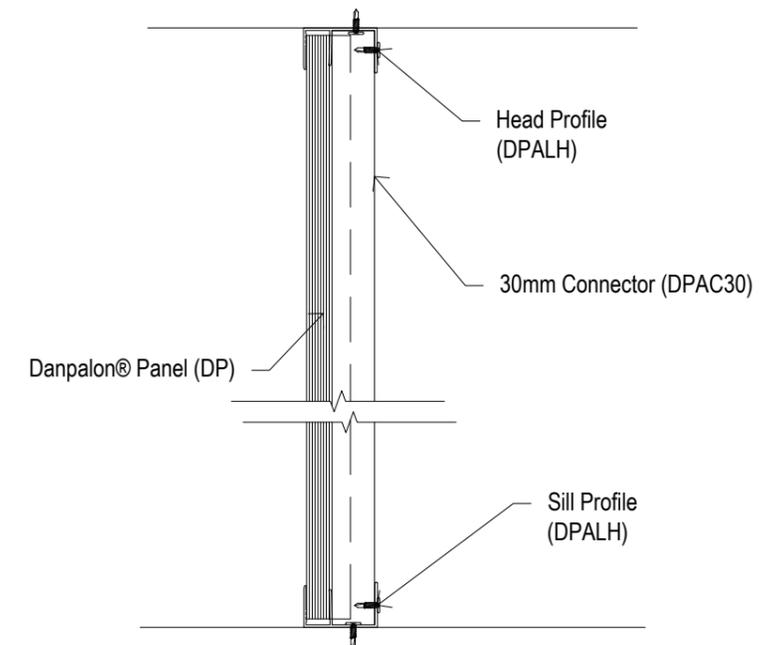
1 PARTITION PLAN VIEW - TYPICAL ARRANGEMENT



2 PARTITION PLAN VIEW - EXTERNAL CORNER



3 PARTITION PLAN VIEW - INTERNAL CORNER



4 PARTITION SECTION - SINGLE SPAN



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DANPAL INTERIOR SYSTEM STANDARD DETAILS

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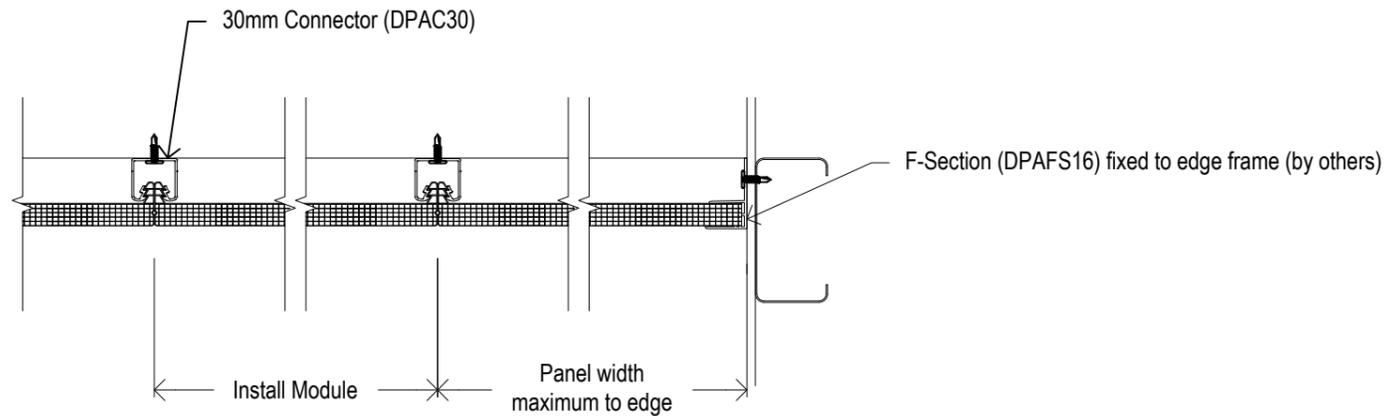
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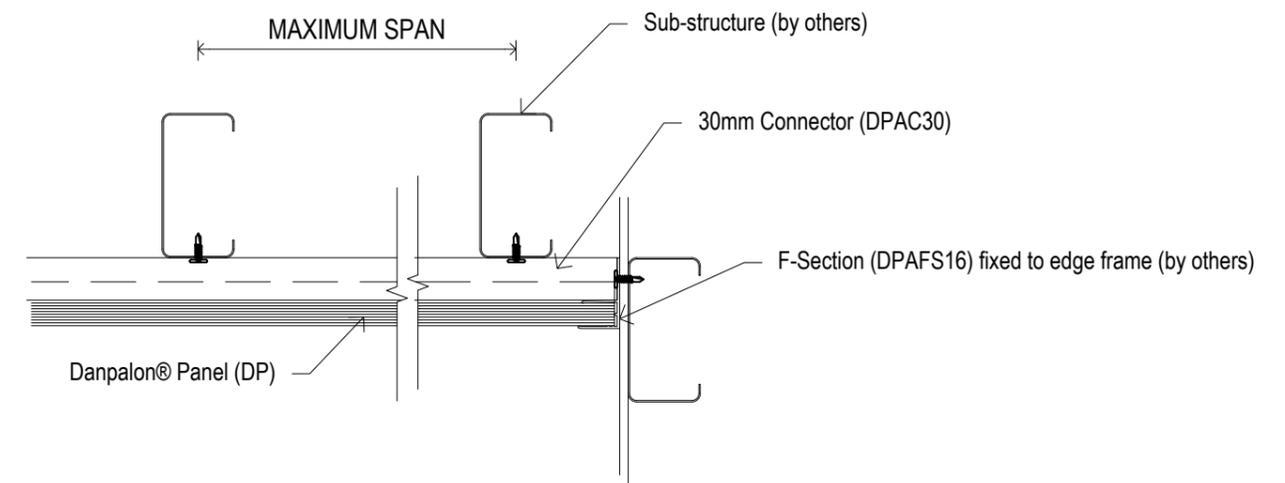
PANEL SET OUT		
Panel Thickness	Panel Width	Install Module
8mm	600mm	601mm
10mm	600mm	601mm
12mm	900mm	901mm
16mm	1040mm	1041mm
3DLite	600mm	601mm

CEILING SPAN TABLE					
Connector	8mm	10mm	12mm	16mm	3DLite
30mm Aluminium Connector (DPAC30)	2700	3000	3000	2800	3000
54mm Aluminium Connector (DPAC54)	3200	3500	3500	3300	3500

Above figures are in millimetres (mm).
Internal use suggested span limits where wind and other live loads don't apply.
Please consult Danpal Australia for any other situations and more information.



1 CEILING CROSS SECTION VIEW - TYPICAL ARRANGEMENT



2 CEILING LONGITUDINAL SECTION VIEW



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