

DANPAL SEAMLESS FACADE

with DANPALON[®] Multicell Panels



GENERAL NOTES

DRAWING INFORMATION:

This drawing set is only applicable to the standard Danpal Seamless Facade System 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 wind loads and should be designed to provide suitable support to the Danpal system, ensuring that 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 DETAILS ARE INTENDED ONLY AS A GUIDE

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



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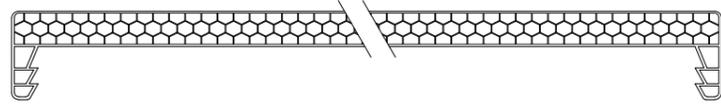
Sheet Title:
TITLE PAGE AND GENERAL NOTES
 Drawing Series:
DANPAL SEAMLESS FACADE STANDARD DETAILS

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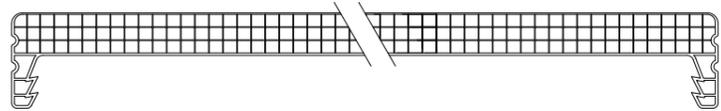
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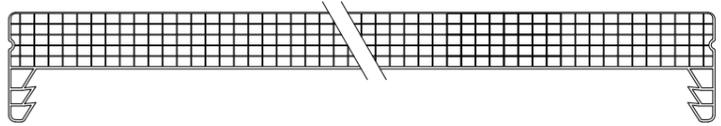
DANPALON® PANEL OPTIONS



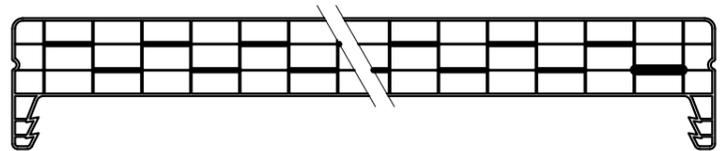
DP10 - 10mm Honeycomb
 (600mm width)
 Weight: 2666gsm
 Stocked in all Reflective, Standard and Premium colours
 Other colours available to order



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

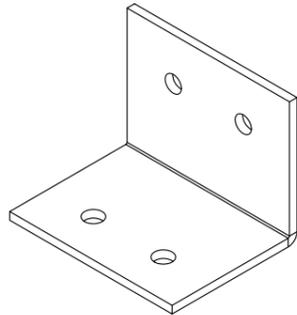


DP16 - 16mm multicell
 (600mm or 1040mm width)
 Weight: 3666gsm
 Stocked in Clear (1040mm only), Opal (1040mm only), Ice, Softlite Ice (1040mm only) and Reflective Grey
 Other colours and 900mm width available to order

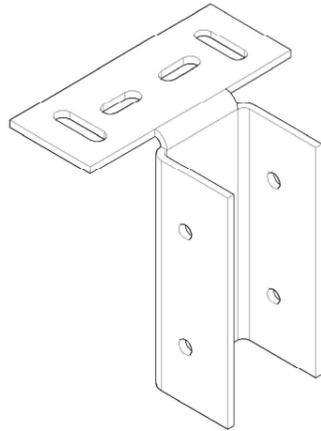


3DLite - 22mm Louvred Panel
 (600mm width)
 Weight: 3100gsm
 Stocked in White
 Other colours available to order

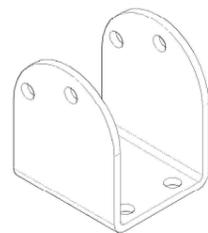
CONNECTOR BRACKETS



DPBA - Angle Bracket
 Stocked In Galvanised Steel Finish
 Powdercoating available to order



DPBG40 / 60 / 80 - Girt Bracket
 Stocked In Galvanised Steel Finish
 Powdercoating available to order



DPBS - Saddle Bracket
 Stocked In Galvanised Steel Finish
 Powdercoating available to order

FASTENERS



WS16/22/35 - Wafer Screw 16mm / 22mm / 35mm
TEK25 - Hex Head Screw 25mm / 45mm
 Self-Drilling screws suitable for Metal and Timber (specify substrate when ordering)
 Zinc-Galv. and Stainless Steel options available to order

CONNECTOR OPTIONS

DPAC40
 40mm
 Weight: 1.24 kg/m

DPAC50
 50mm
 Weight: 1.6 kg/m

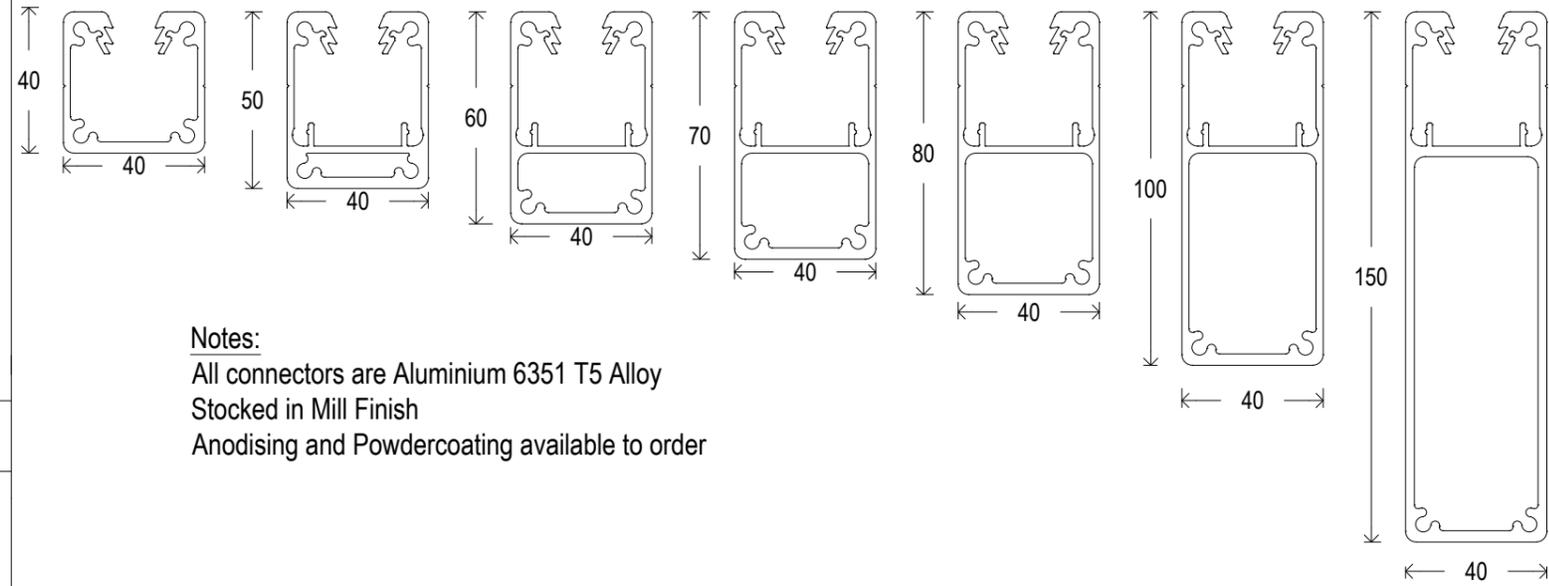
DPAC60
 60mm
 Weight: 1.7 kg/m

DPAC70
 70mm
 Weight: 1.8 kg/m

DPAB80
 80mm
 Weight: 1.9 kg/m

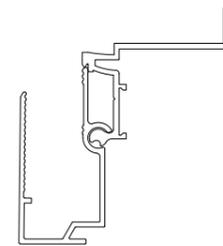
DPAC100
 100mm
 Weight: 2.3 kg/m

DPAC150
 150mm
 Weight: 3 kg/m



Notes:
 All connectors are Aluminium 6351 T5 Alloy
 Stocked in Mill Finish
 Anodising and Powdercoating available to order

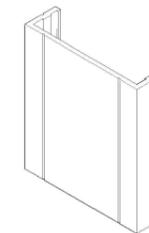
OTHER PROFILES AND ACCESSORIES



DPAPEC + DPALPF
Pivot End Cap + Lower Pivot
 DPAPEC Stocked in Clear Anodised Finish,
 DPALPF Stocked in Mill Finish
 Powdercoating available to order
 Suitable for 10mm, 12mm, 16mm and 22mm Danpalon® Panels
 (*16mm variant shown)



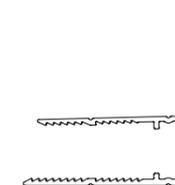
DPAECLW - Aluminium Light Weight End Cap
 Stocked in Mill Finish
 Anodising and Powdercoating available to order
 Suitable for 10mm and 16mm Danpalon® Panels
 (*16mm variant shown)



DPACBEC - Aluminium Connector Bar End Cap
 Stocked in Mill Finish
 Anodising and Powdercoating available to order
 Suitable for 40mm to 150mm Connectors (DPAC40-150)



DPAFS - Aluminium F-Section
 Stocked in Mill and Clear Anodised Finish
 Powdercoating available to order
 Suitable for 8mm, 10mm, 12mm, 16mm and 22mm Danpalon® Panels
 (*16mm variant shown)



DPAFSL - Aluminium Long Leg F-Section
 Stocked in Mill Finish
 Anodising and Powdercoating available to order
 Suitable only for 16mm Danpalon® Panels



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Sheet Title:
COMPONENT DETAILS

Drawing Series:
DANPAL SEAMLESS FACADE STANDARD DETAILS

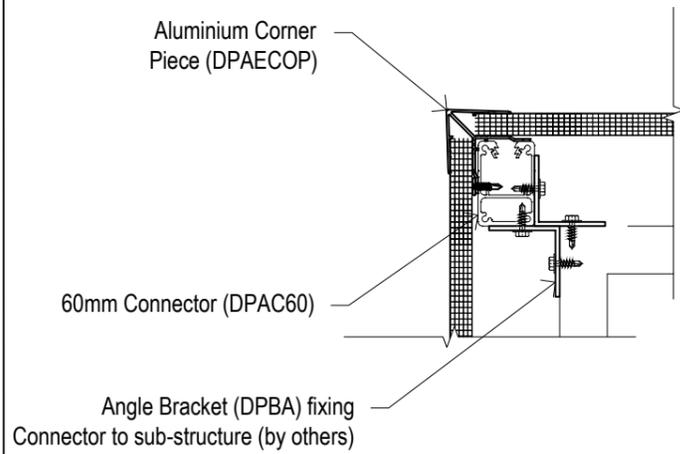
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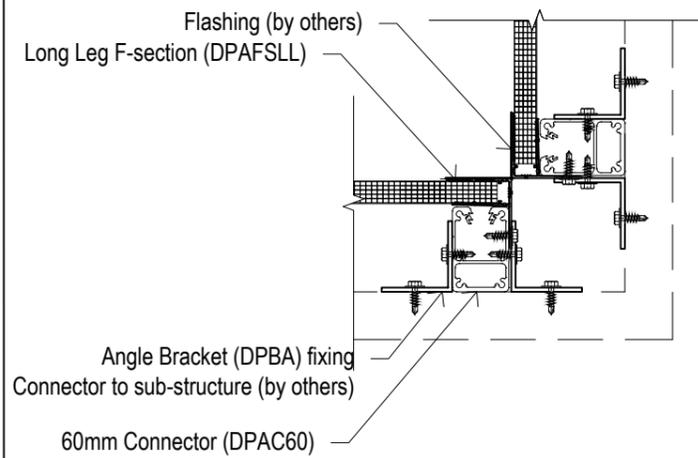
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PANEL SET OUT

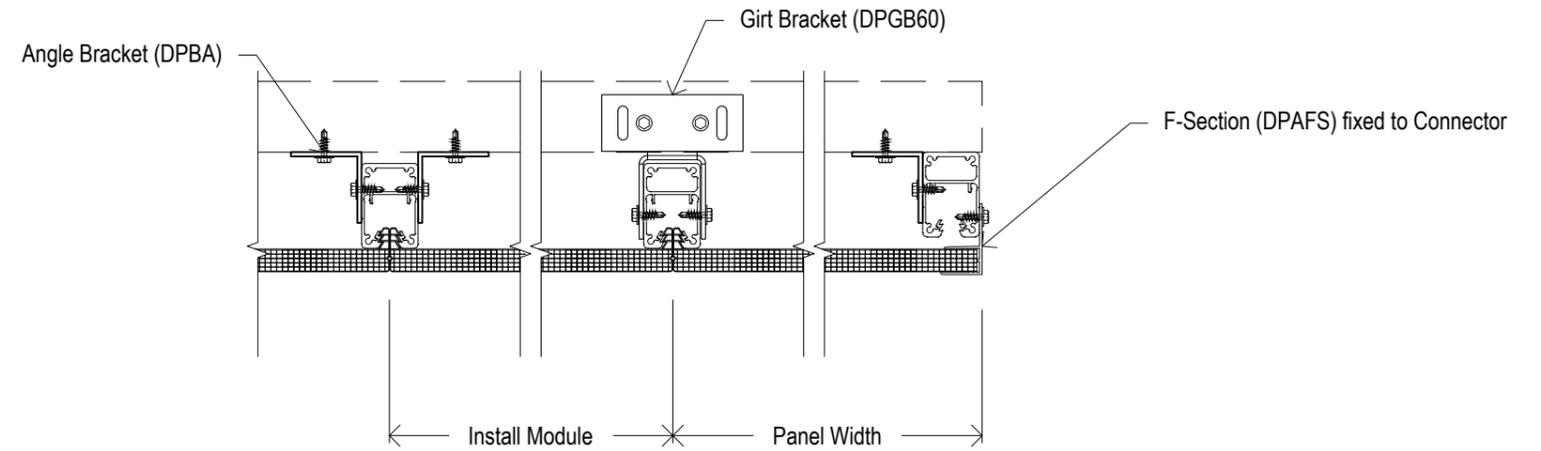
Panel Thickness	Panel Width	Install Module
10mm	600mm	601mm
12mm	900mm	901mm
16mm	1040mm	1041mm
3DLite	600mm	601mm



1 PLAN VIEW - EXTERNAL CORNER



1 PLAN VIEW - INTERNAL CORNER



2 PLAN VIEW - TYPICAL ARRANGEMENT



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Sheet Title:
PLAN VIEW SECTION DETAILS

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DANPAL SEAMLESS FACADE STANDARD DETAILS

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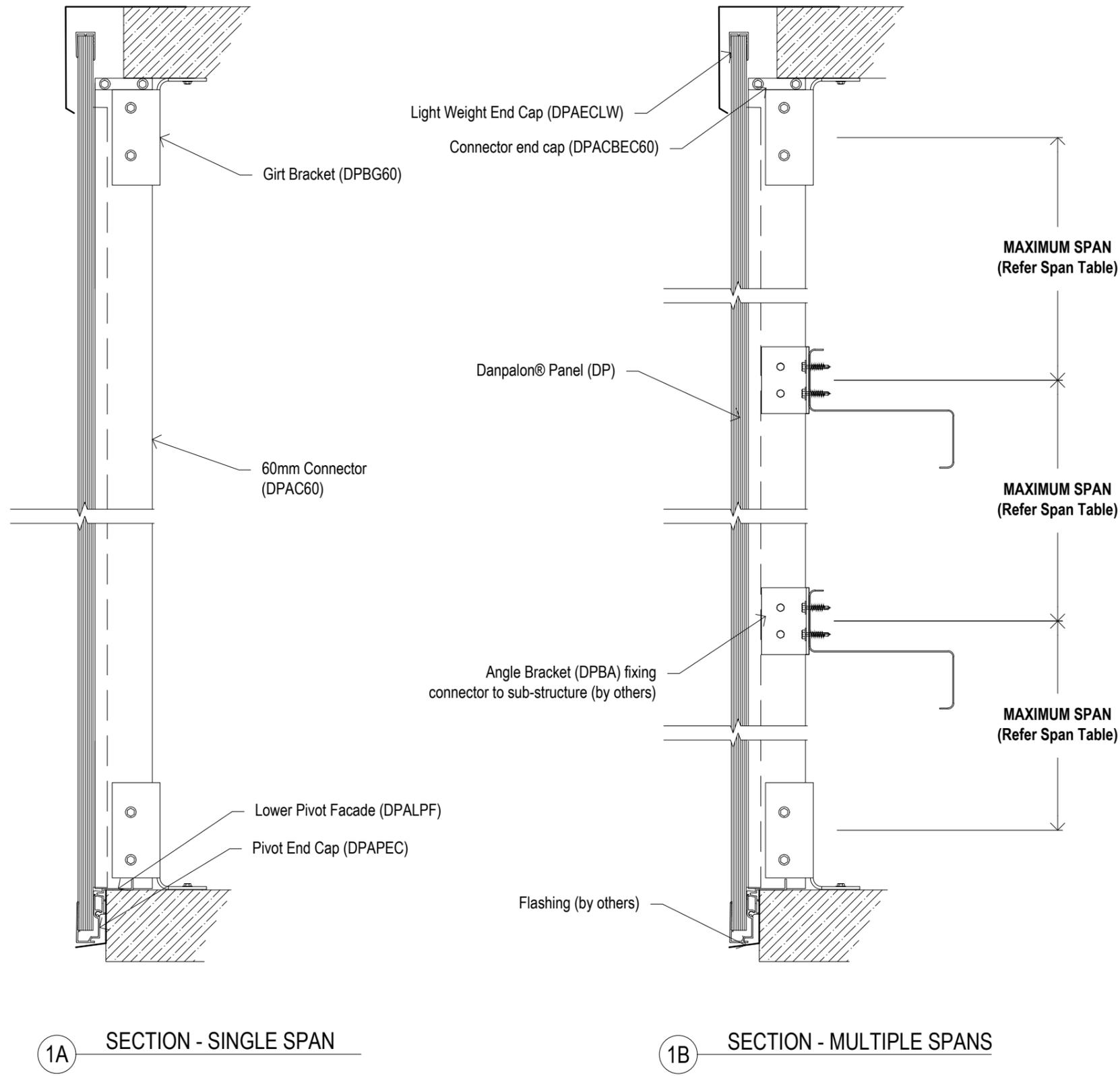
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SPAN TABLE				
Connector	10mm Panels (600mm Wide)	12mm Panels (900mm Wide)	16mm Panels (1040mm Wide)	3DLite Panels (600mm Wide)
DPAC40 (40mm)	2700mm	2450mm	2400mm	2700mm
DPAC50 (50mm)	3850mm	3650mm	3500mm	3850mm
DPAC60 (60mm)	4500mm	4400mm	4200mm	4500mm
DPAC70 (70mm)	5100mm	4900mm	4600mm	5100mm
DPAC80 (80mm)	5500mm	5300mm	5100mm	5500mm
DPAC100 (100mm)	6900mm	6400mm	6000mm	6900mm
DPAC150 (150mm)	7800mm	6800mm	6600mm	7800mm

**Design load 1 kPA (ultimate) 0.7 kPA (serviceable). Deflection criteria span / 50.
Please consult Danpal Australia for any other situations and more information.**



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Sheet Title:
CROSS SECTION DETAILS

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