

# DANPAL SEAMLESS FACADE

## with DANPALON<sup>®</sup> Multicell Panels



### GENERAL NOTES

#### DRAWING INFORMATION:

This drawing set is only applicable to the standard Danpal Seamless Facade System using Danpalon<sup>®</sup> 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<sup>®</sup> 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**

Drawn:

**HL**

Sheet Scale:

**NTS**

Checked:

**AN**

Date:

**27/10/2020**

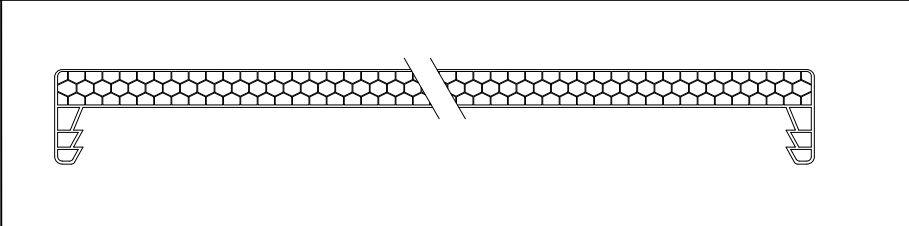
Revision:

**A**

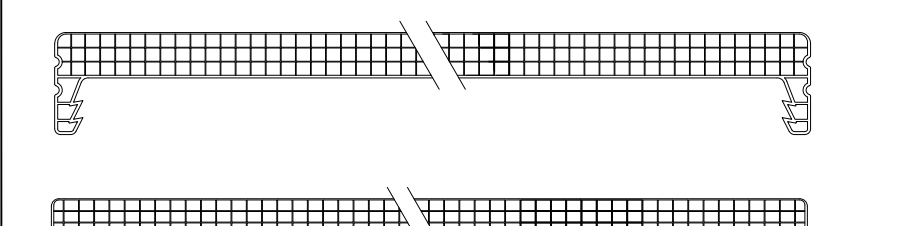
Sheet:

**1** of **4**

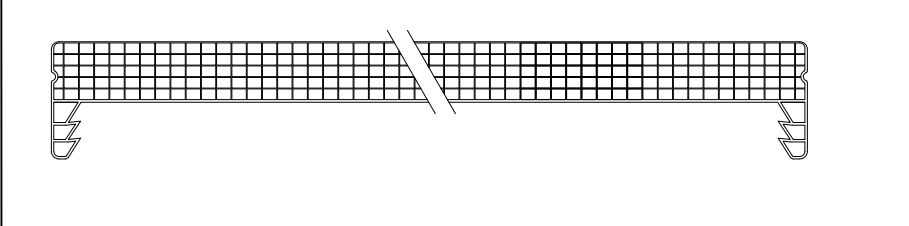
## DANPALON® PANEL OPTIONS



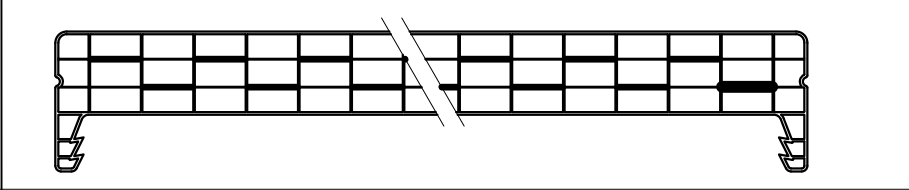
**DP12 - 12mm Multicell**  
(900mm width)  
Weight: 2840gsm  
Stocked in Softlite Ice and Reflective Grey  
Other colours and 600mm width available to order



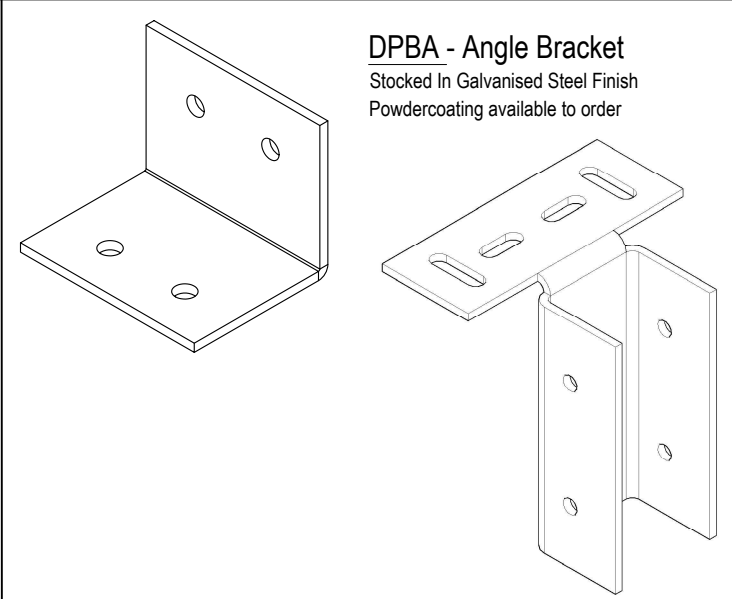
**DP16 - 16mm multicell**  
(600mm or 1040mm width)  
Weight: 3666gsm  
Stocked in Clear (1040mm only), Opal (1040mm only), Ice,  
Softlite Ice (1040mm only) and Reflective Grey  
Other colours and 900mm width available to order



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

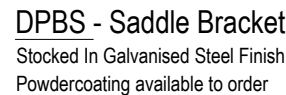


## CONNECTOR BRACKETS

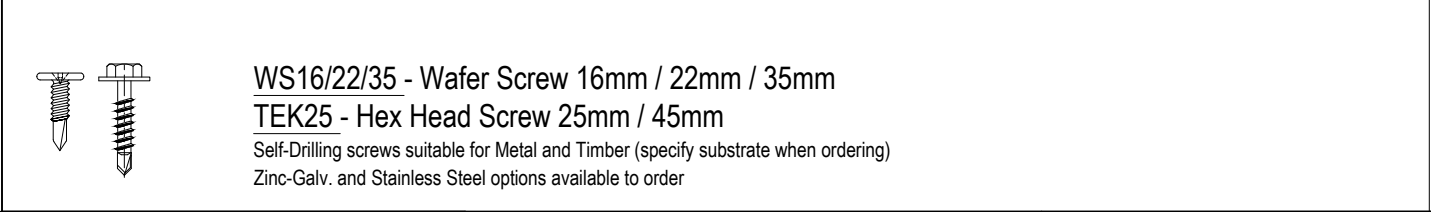


Technical drawing of a 100x100x6mm L-shaped angle bracket. The drawing shows the front and side views of the component. The front view is an L-shape with four oval slots: two on the horizontal flange and two on the vertical flange. The side view shows the thickness of the material, which is 6mm. The drawing is a line drawing with no shading.

A technical drawing of a 3D bracket. The bracket has a flat base and two vertical, semi-circular side walls. There are four circular holes: two on the left side wall, two on the right side wall, and one centered on the base. The drawing is shown in an isometric perspective.

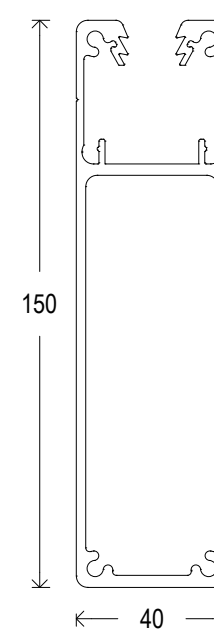
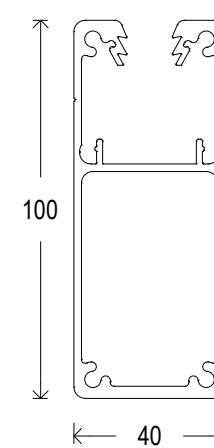
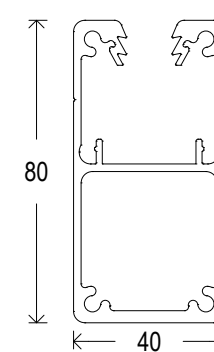
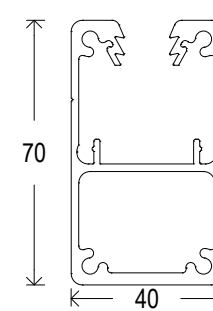
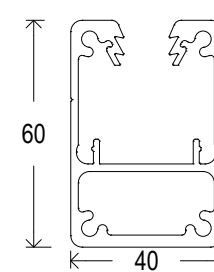
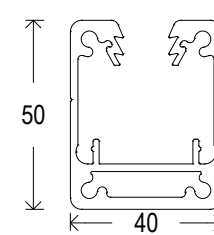
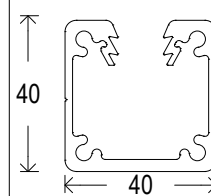


FASTENERS
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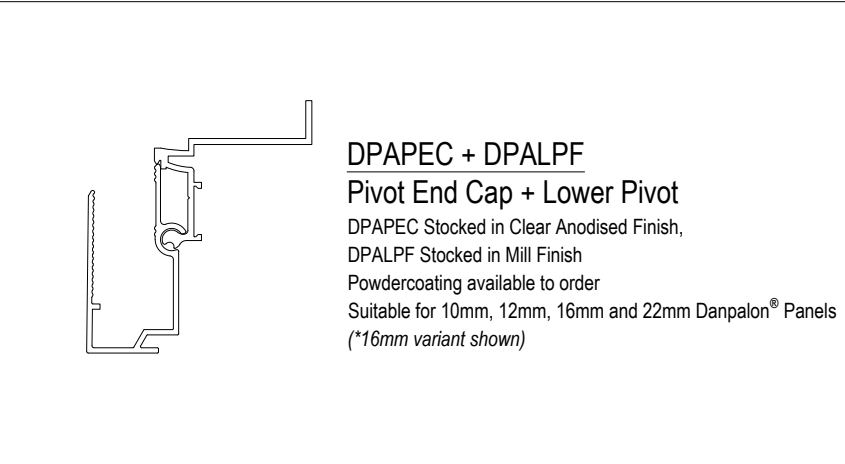
## CONNECTOR OPTIONS

DPAC40	DPAC50	DPAC60	DPAC70
40mm	50mm	60mm	70mm
Weight: 1.24 kg/m	Weight: 1.6 kg/m	Weight: 1.7 kg/m	Weight: 1.8 kg/m

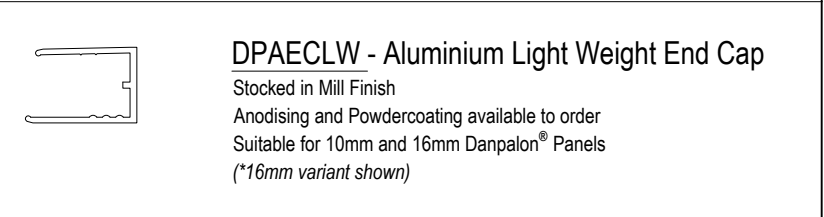


**Notes:**  
All connectors are Aluminium 6351 T5 Alloy  
Stocked in Mill Finish  
Anodising and Powdercoating available to order

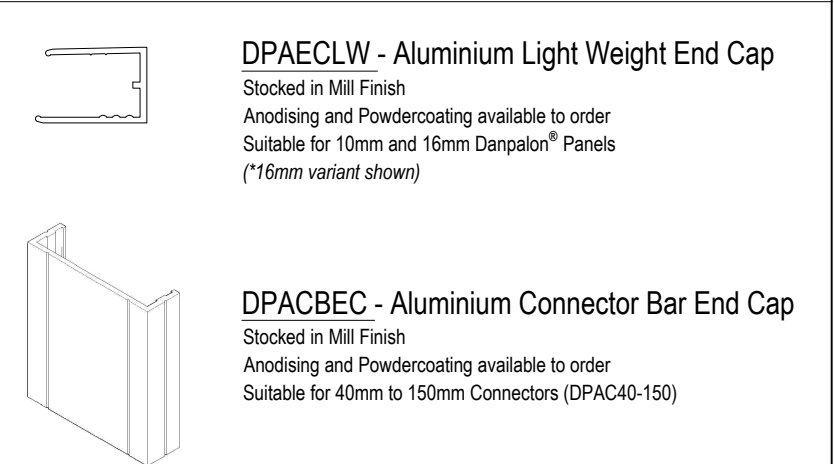
## OTHER PROFILES AND ACCESSORIES



**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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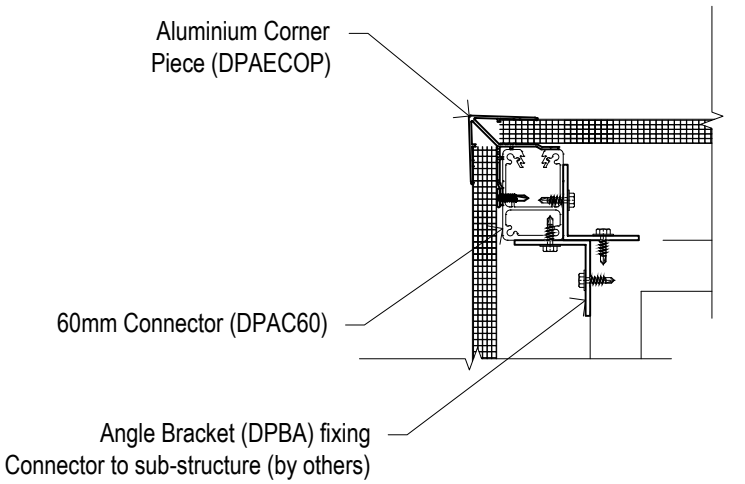
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Drawing Series:	<b>DANPAL SEAMLESS FACADE STANDARD DETAILS</b>

Drawn:	<b>HL</b>
Sheet Scale:	<b>1:2 @ A3</b>

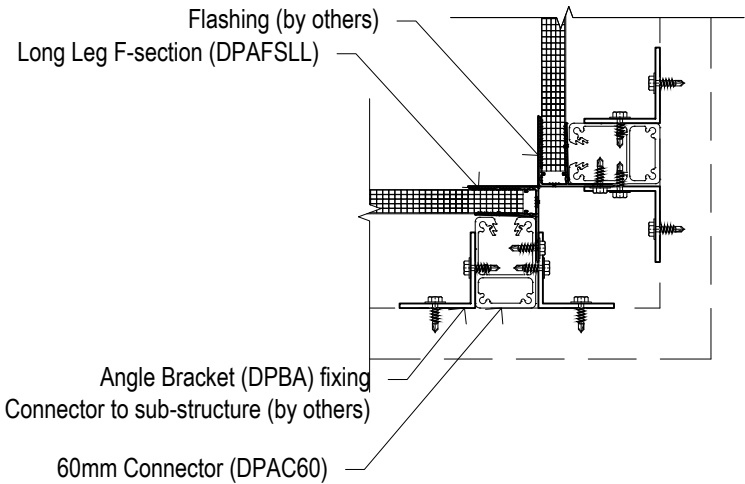
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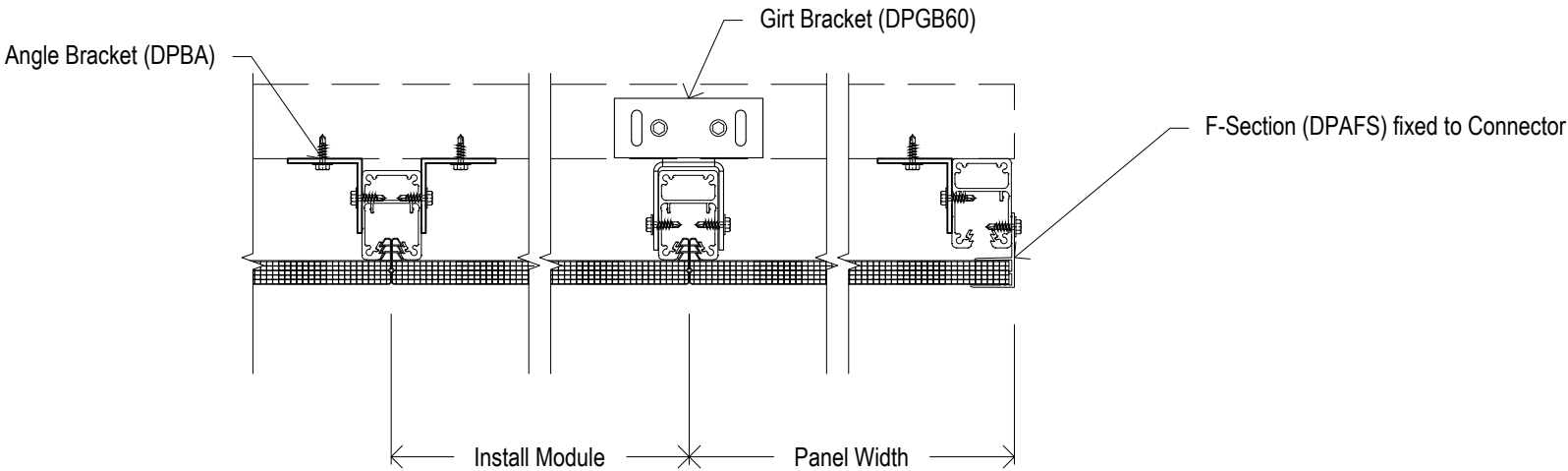
PANEL SET OUT		
Panel Thickness	Panel Width	Install Module
10mm	600mm	601mm
12mm	900mm	901mm
16mm	1040mm	1041mm
3DLite	600mm	601mm



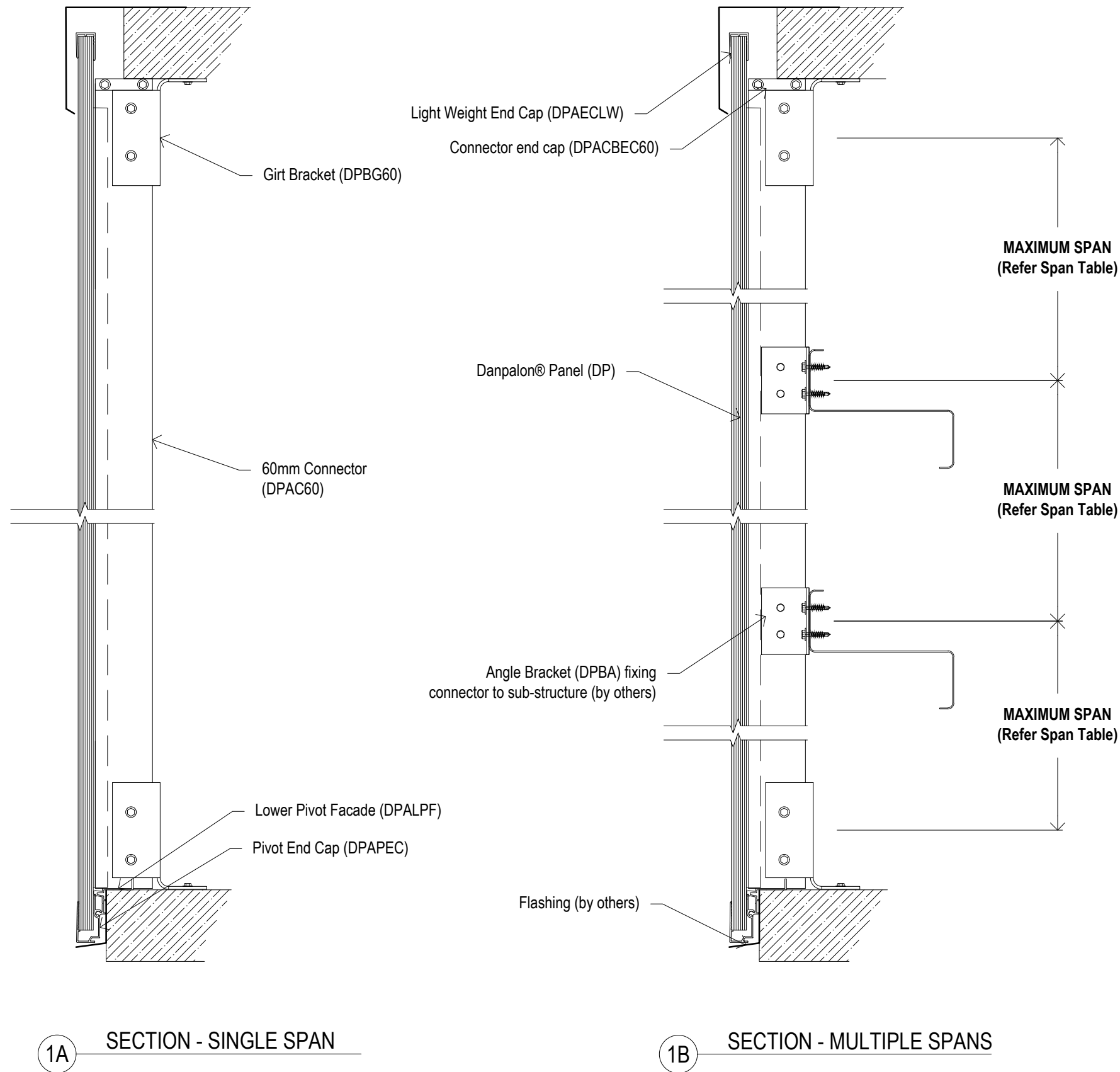
1 PLAN VIEW - EXTERNAL CORNER



1 PLAN VIEW - INTERNAL CORNER



2 PLAN VIEW - TYPICAL ARRANGEMENT



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.				