

# DANPAL FRAMED FACADE SYSTEM

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



## GENERAL NOTES

### DRAWING INFORMATION:

This drawing set and information contained within is applicable to the standard Danpal Framed Facade system using Danpalon 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 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<sup>®</sup> STANDARD COMPONENT 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 FRAMED FACADE SYSTEM STANDARD DETAILS**

Drawn:  
**HL**

Sheet Scale:  
**NTS**

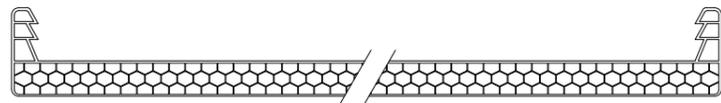
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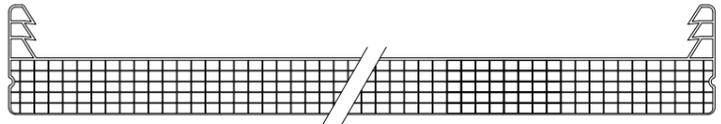
## DANPALON® PANEL OPTIONS



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

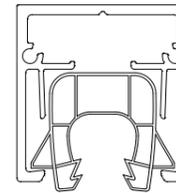


**DP12 - 12mm Multicell**  
 (900mm width)  
 Weight: 2840gsm  
 Stocked in Softlite Ice and Reflective Grey  
 Other colours and 600mm width available to order



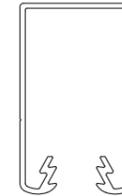
**DP16 - 16mm Multicell**  
 (600mm or 1040mm width)  
 Weight: 3666gsm  
 Stocked in Clear (1040mm only), Opal (1040mm only), Ice, Softlite Ice (1040mm only) and Reflective Grey  
 Other colours and 900mm width available to order

## CONNECTOR OPTIONS



**DPAEC50 - Aluminium 50mm Expansion Connector**  
 Stocked in Mill Finish  
 Anodising and Powdercoating available to order

**DPEC - Internal Polycarbonate Connector**  
 Stocked In Clear

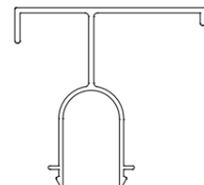


**DPAC54 - Aluminium Connector (54mm)**  
 Stocked in Mill and Clear Anodised Finish  
 Powdercoating available to order

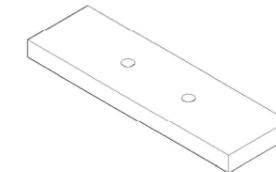
## FRAME PROFILES AND ACCESSORIES



**DPANMC - NM Cover**  
 Stocked in Mill Finish  
 Anodising and Powdercoating available to order



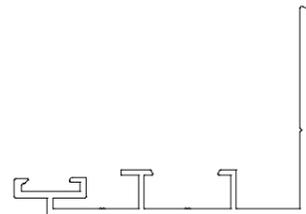
**DPANMS - NM Spacer**  
 Stocked in Mill Finish  
 Anodising and Powdercoating available to order



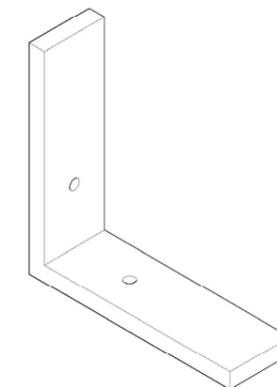
**DPANMJ - NM Joiner**  
 Aluminium



**DPNMG - NM Rubber Gasket**  
 Stocked in Light Grey



**DPANMF - NM Frame**  
 Stocked in Mill Finish  
 Anodising and Powdercoating available to order



**DPANMCJ - NM Corner Joiner**  
 Aluminium



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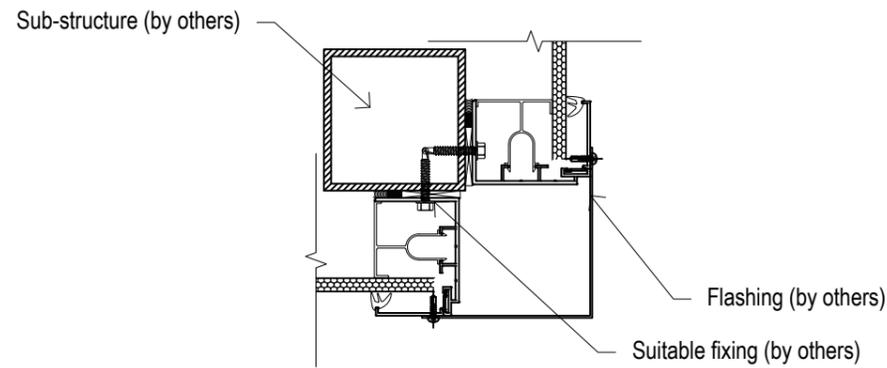
Sheet Title:  
**COMPONENT DETAILS**  
 Drawing Series:  
**DANPAL FRAMED FACADE SYSTEM STANDARD DETAILS**

Drawn:  
**HL**  
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**1:2 @ A3**

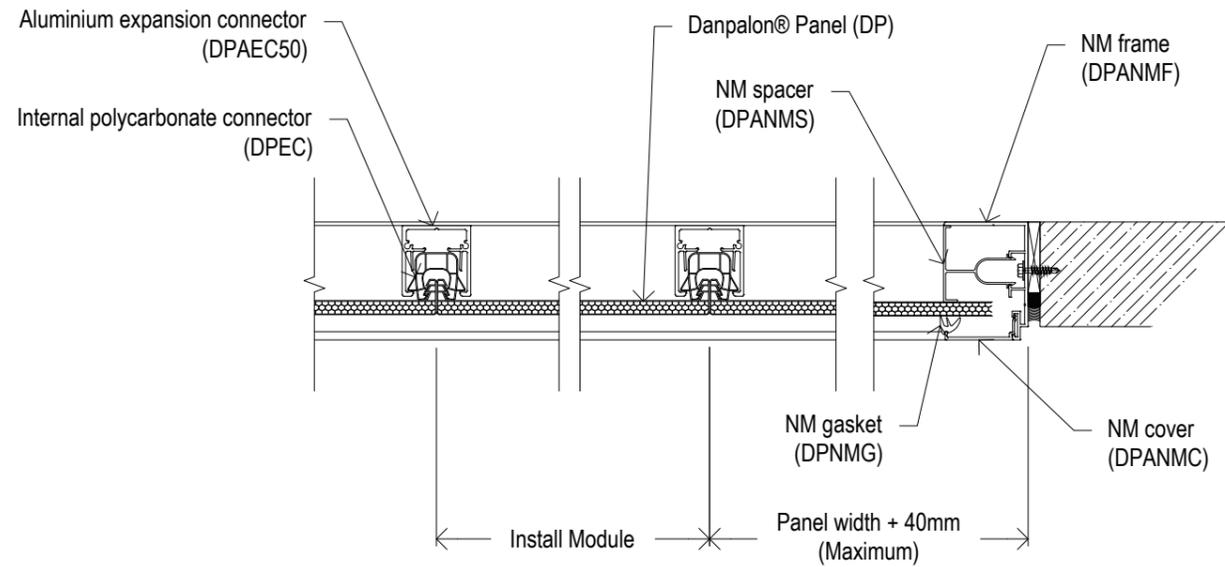
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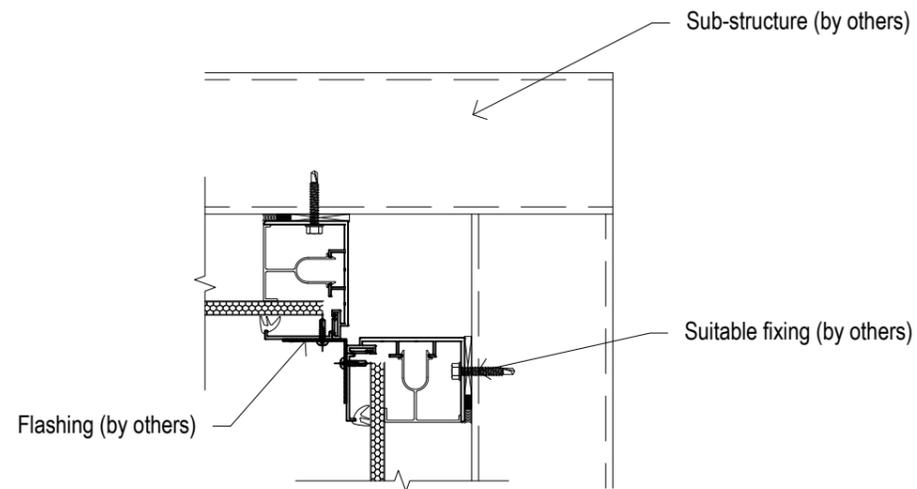
PANEL SET OUT		
Panel Thickness	Panel Width	Install Module
10mm	600mm	601mm
12mm	900mm	901mm
16mm	1040mm	1041mm



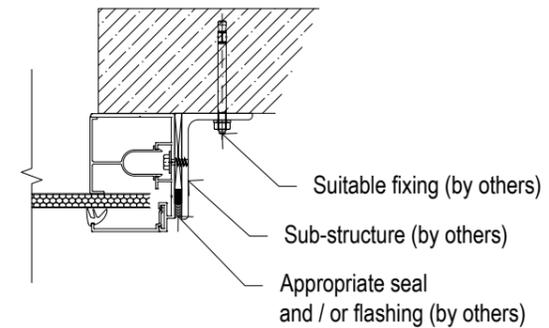
○ PLAN VIEW - EXTERNAL CORNER



○ PLAN VIEW - TYPICAL ARRANGEMENT



○ PLAN VIEW - INTERNAL CORNER



○ ALTERNATIVE - FACE MOUNT FRAME



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**PLAN VIEW SECTION DETAILS**  
 Drawing Series:  
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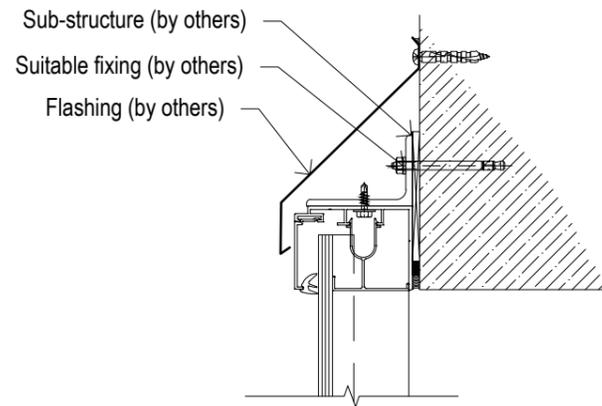
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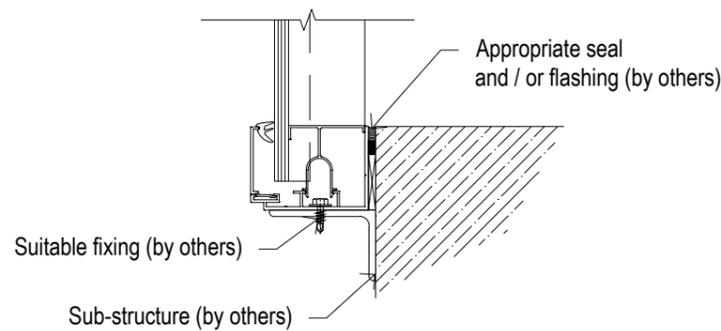
# SPAN TABLE

Connector	Danpalon® Panel		
	10mm	12mm	16mm
54mm (DPAC54)	2100	2000	1800
Expansion (DPAEC50)	3600	3250	3200

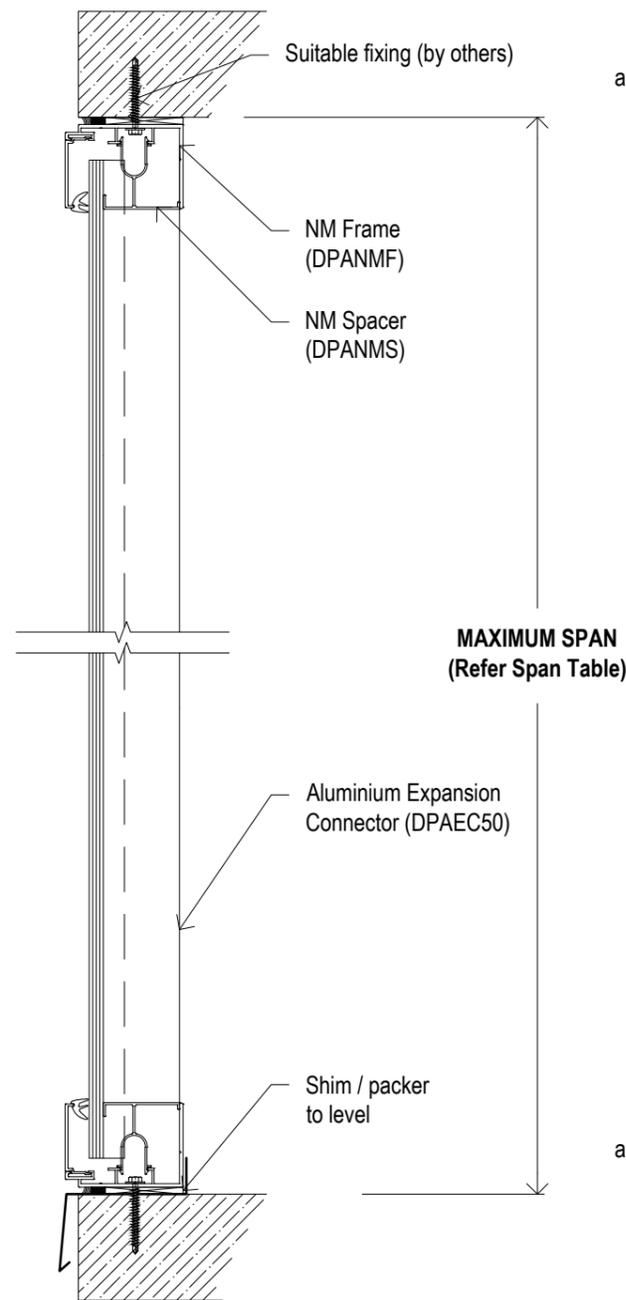
Above figures are in millimetres (mm).  
 Design load 1 kPA (ultimate) 0.7 kPA (serviceable).  
 Deflection criteria span / 50.  
 Please consult Danpal Australia for any other situations and more information.



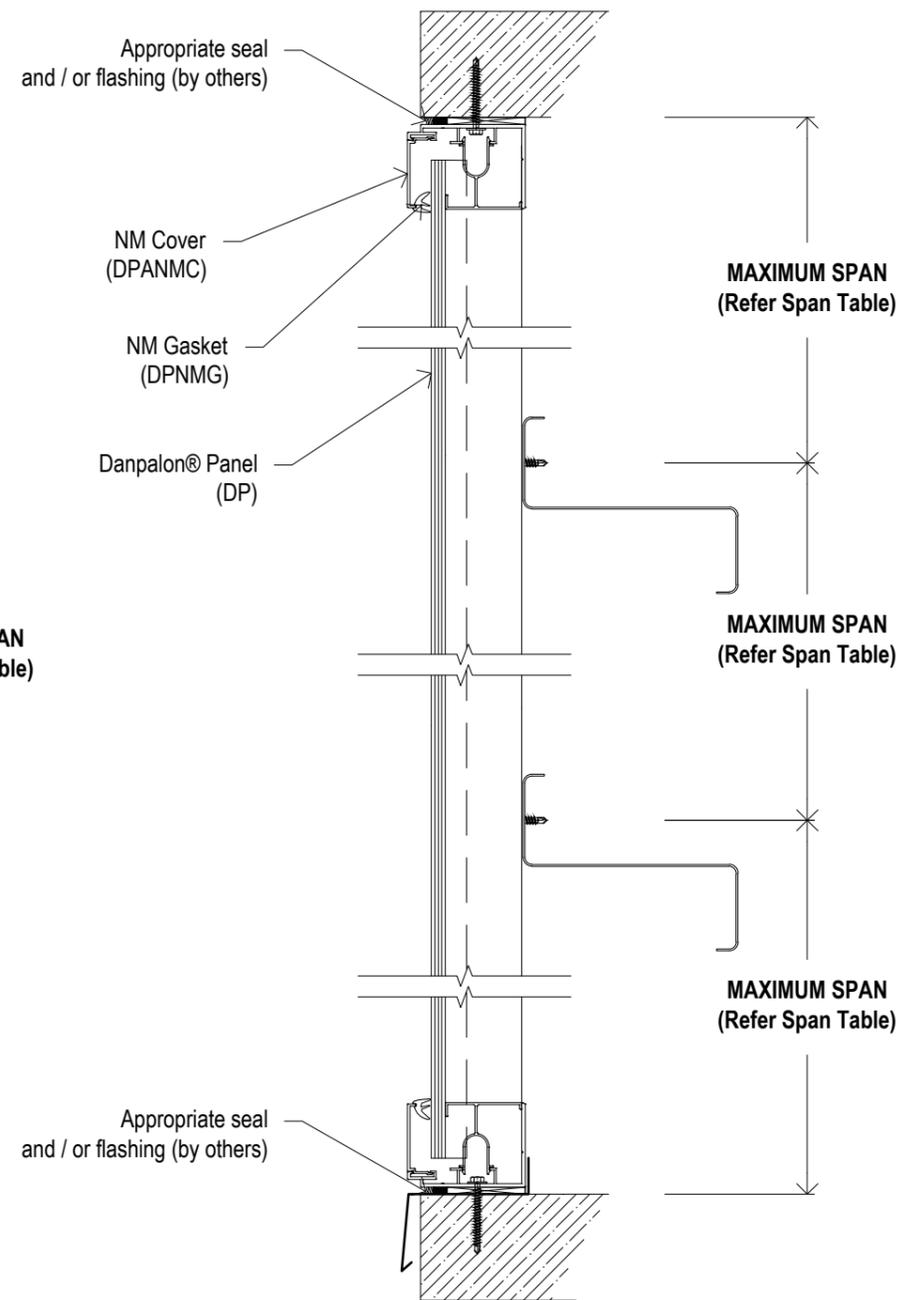
ALTERNATIVE - FACE MOUNT HEAD



ALTERNATIVE - FACE MOUNT SILL



SECTION - SINGLE SPAN



SECTION - MULTIPLE SPANS



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**LONGITUDINAL SECTION DETAILS**  
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