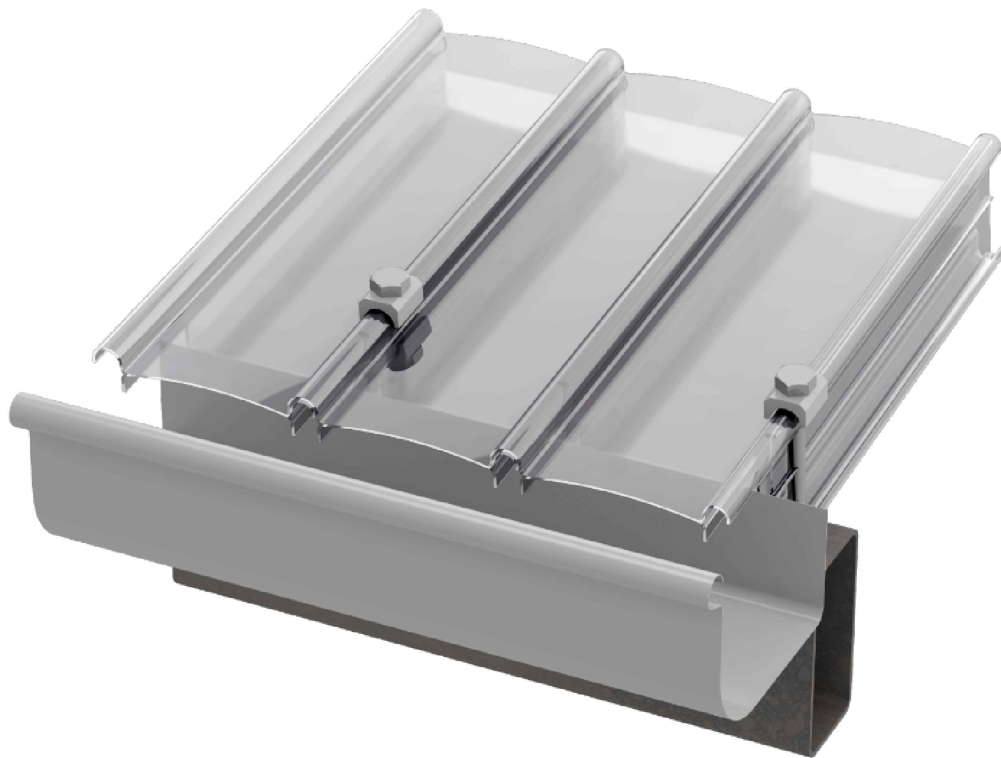


EVERBRIGHT ROOF SYSTEM



GENERAL NOTES

DRAWING INFORMATION:

This drawing set is only applicable to the standard Everbright Roof System using Everbright panels and related accessories.
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ROOF PITCH:

Danpal roof systems require a fall for water runoff and drainage. The sub-structure must be designed so as to incorporate a recommended minimum 5° pitch. (An absolute minimum pitch of 3° is required.)
Should a lower pitch be required, please consult Danpal Australia to discuss options.

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:

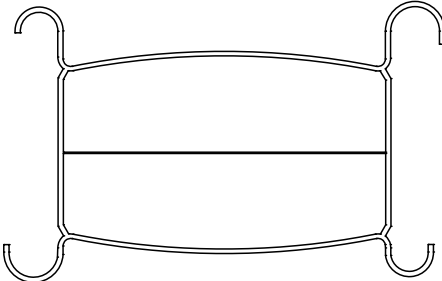



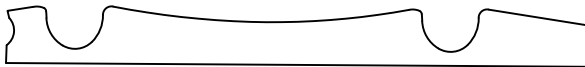




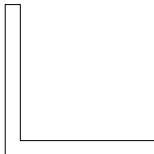



The sub-structure must be suitably designed by an engineer to withstand expected wind loads and should be designed to provide suitable support to the Danpal System, ensuring that Danpal maximum spans are not exceeded.

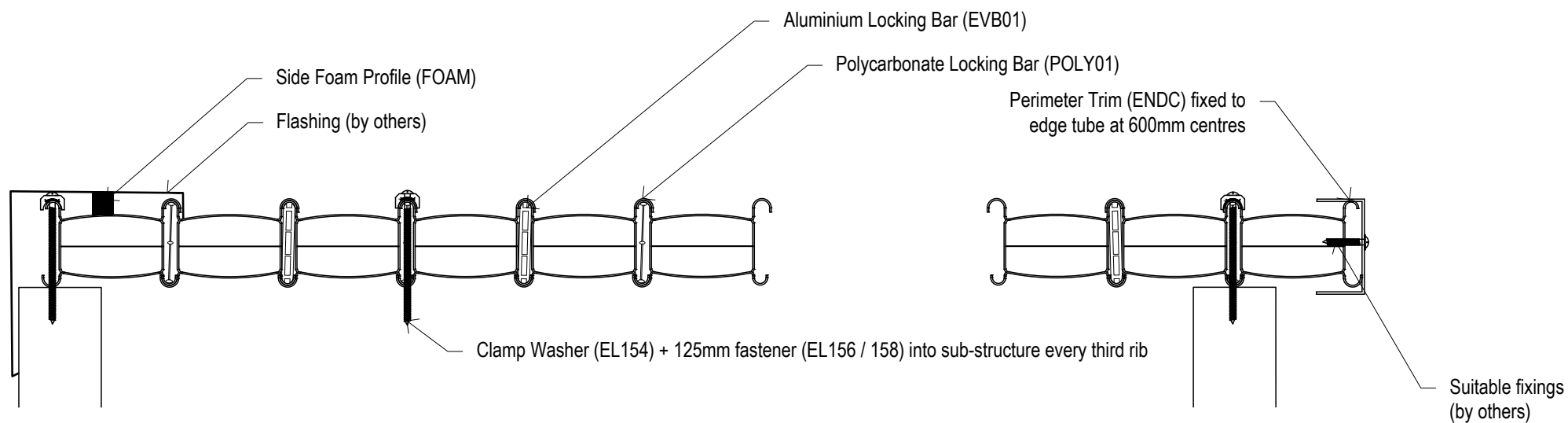
WARRANTY:

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.

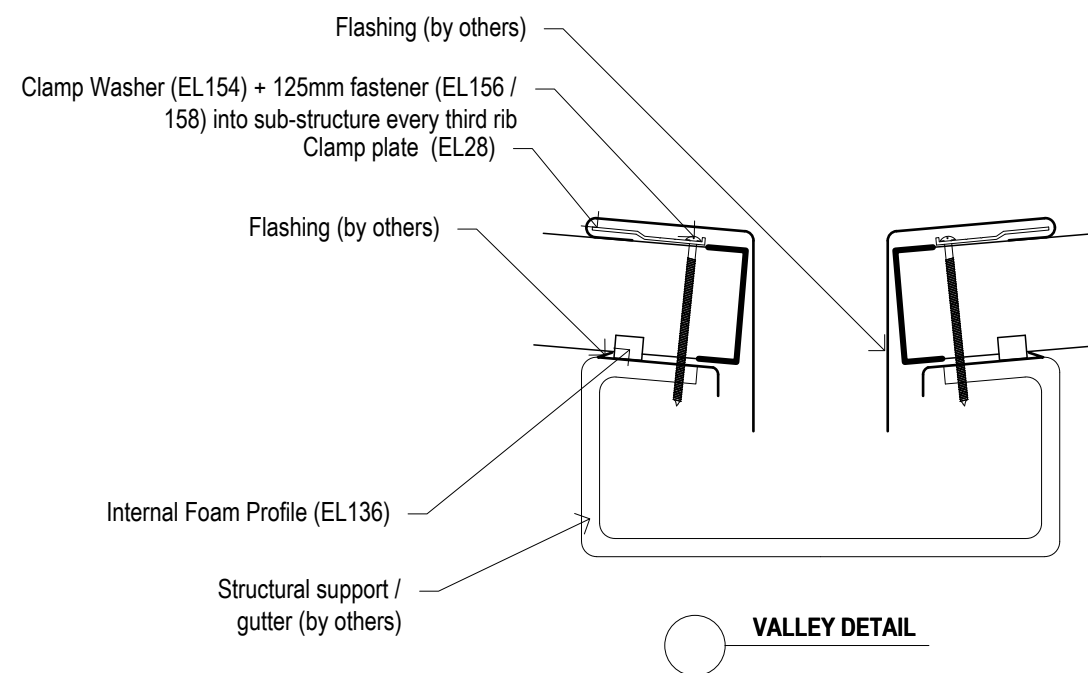
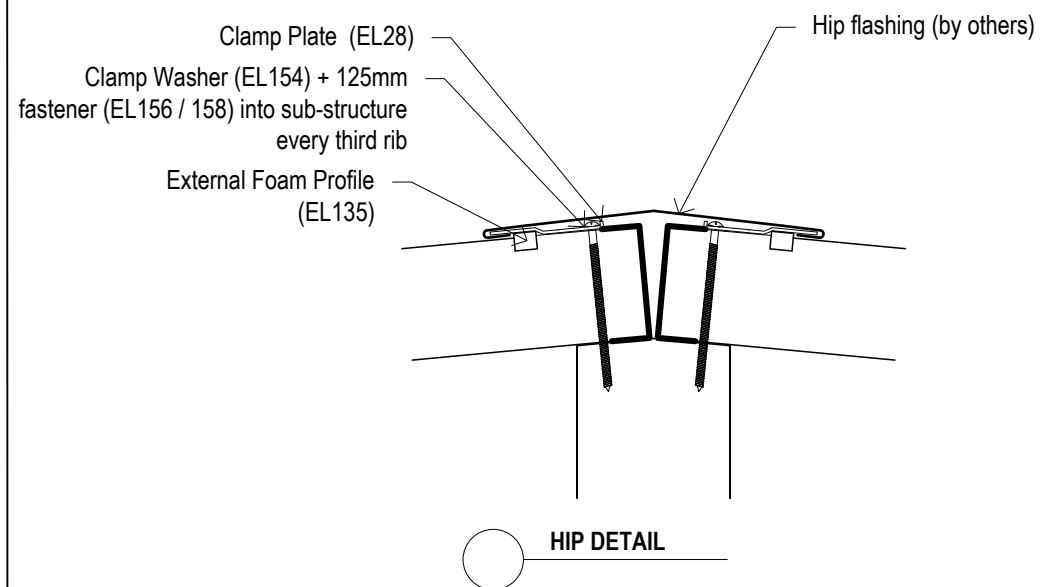
DANPAL® STANDARD DETAILS ARE INTENDED ONLY AS A GUIDE FOR PROJECT-SPECIFIC ENGINEERING DOCUMENTATION BY AN APPROPRIATELY QUALIFIED ENGINEER.

| | | | | |
|---|--|----------------------------|----------------------------|--------------------------------|
|  Dan Pal Australia Pty Ltd ABN 85 124 859 212 11/4-6 Junction Street, Auburn NSW 2144 Tel: 02 9475 2000 Web: www.danpal.com.au | Sheet Title: TITLE PAGE AND GENERAL NOTES | Drawn: HL | Checked: AN | Revision: A |
| | Drawing Series: EVERBRIGHT ROOF STANDARD DETAILS | Sheet Scale: NTS | Date: 12/11/2020 | Sheet: 1 of 4 |

| EVERBRIGHT COMPONENTS | | | | | | | | | |
|---|--|---|--|---|--|---|--|---|---|
|  | | <p><u>E610</u> - Polycarbonate Tube 11980mm maximum length 100mm width Weight: 0.762 gsm Stocked in Clear (65-10001), Opal (65-10004), Ice White (65-10005) and Blue (65-10006)</p> | |  <p><u>Poly01</u> - Polycarbonate Locking Bar 11980mm maximum length Stocked in Clear (65-61001)</p> | |  <p><u>EVB01</u> - Aluminium Locking Bar 11980mm maximum length Stocked in Mill Finish (65-690100)</p> | | | |
|  | |  | |  | |  | | | |
| <p><u>EL135</u> - External Foam Profile 600mm length Stocked in White (65-690006)</p> | | <p><u>EL136</u> - Internal Foam Profile 600mm length Stocked in Black (65-690005)</p> | | <p><u>FOAM</u> - Side Foam Profile 15mm x 20mm x 6000mm Stocked in Grey (65-690203)</p> | | <p><u>EL137</u> - End Lap Foam Profile 600mm length Stocked in Black (65-690010)</p> | | | |
|  | |  | |  | |  <p><u>EL154</u> - Clamp Washer Stocked in Mill Finish (65-690101)</p>  <p><u>EL156 / EL158</u> - Stainless Steel Fastener 125mm Self-Drilling screws suitable for Metal and Timber (specify substrate when ordering) (65-69003 or 65-69004)</p> | | | |
| <p><u>EL28</u> - Clamp plate 3000mm length Stocked in Mill Finish (65-690102)</p> | | <p><u>ENDC</u> - Perimeter Trim 6500mm length Stocked in Mill Finish Anodising and Powdercoating available to order (65-690110)</p> | | <p><u>EL16</u> - Eave angle 6500mm length Stocked in Mill Finish (65-690103)</p> | | | | | |
| | | | | | | | | | |
|  | | Dan Pal Australia Pty Ltd ABN 85 124 859 212 11/4-6 Junction Street, Auburn NSW 2144 Tel: 02 9475 2000 Web: www.danpal.com.au | | Sheet Title: COMPONENT DETAILS Drawing Series: EVERBRIGHT ROOF STANDARD DETAILS | | Drawn: HL Sheet Scale: 1:2 @ A3 | | Checked: AN Date: 12/11/2020 | Revision: A Sheet: 2 of 4 |



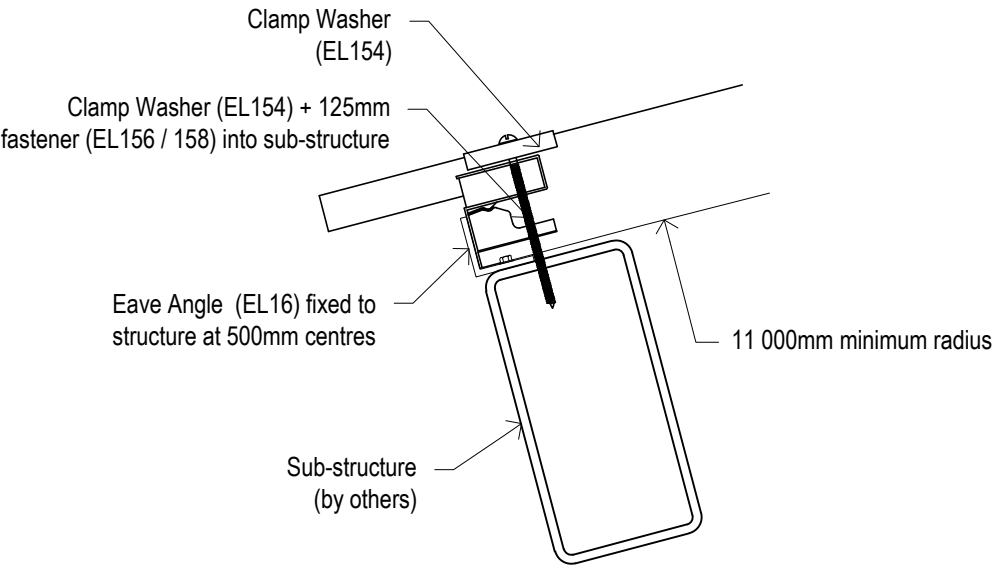
CROSS SECTION - TYPICAL DETAILS



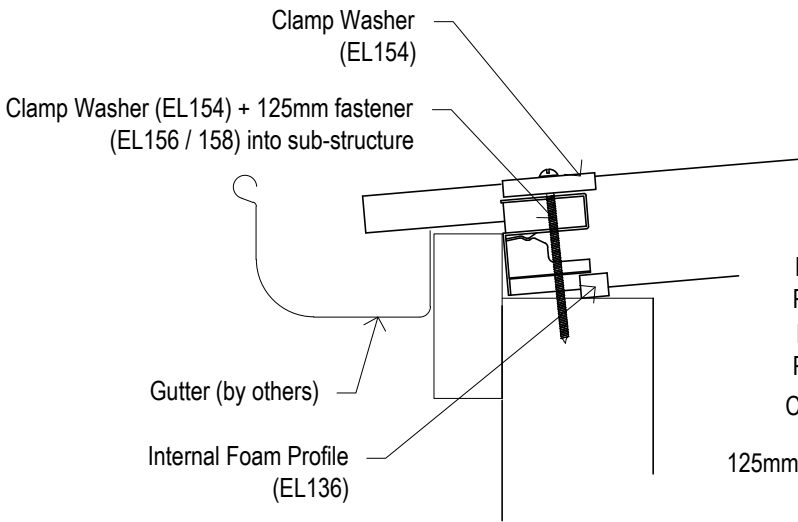
SPAN TABLE

| Locking System | Locking Bar Type | Maximum Single Span |
|----------------|---|---------------------|
| LS1 | 5 Polycarbonate Locking Bars per 6 Tubes | 2860 |
| LS2.1 | 1 Aluminium Locking Bar + 4 Polycarbonate Locking Bars per 6 Tubes | 3480 |
| LS2.2 | 2 Aluminium Locking Bars + 3 Polycarbonate Locking Bars per 6 Tubes | 3950 |
| LS2.5 | 5 Aluminium Locking Bars per 6 Tubes | 4750 |

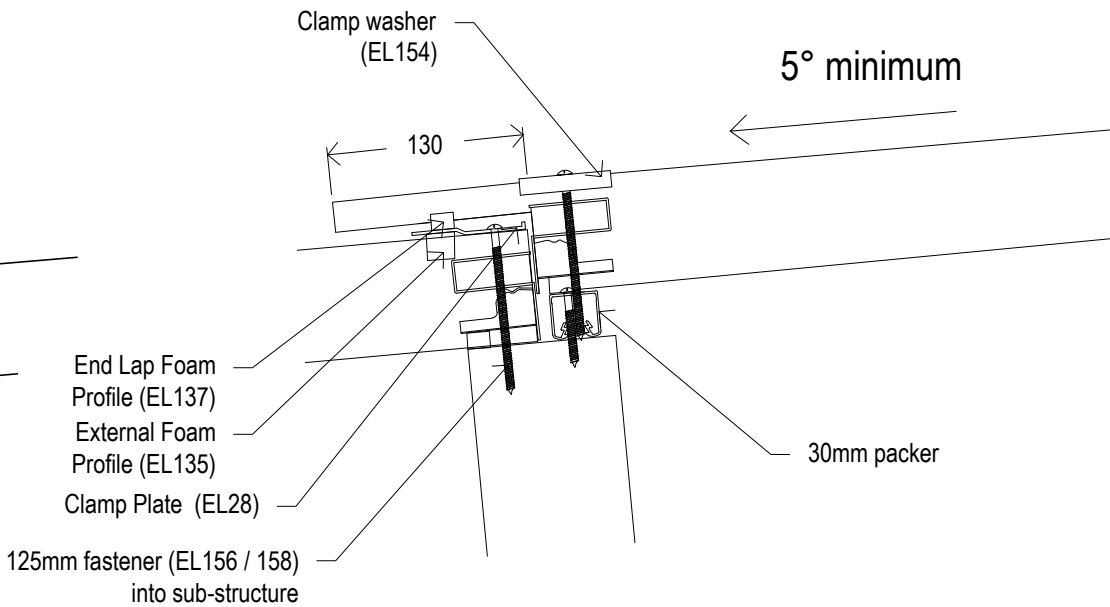
Above figures are in millimetres (mm).
Design load 1 kPA (ultimate) 0.7 kPA (serviceable). Deflection criteria: 50mm maximum.
Please consult Danpal Australia for any other situations and more information.



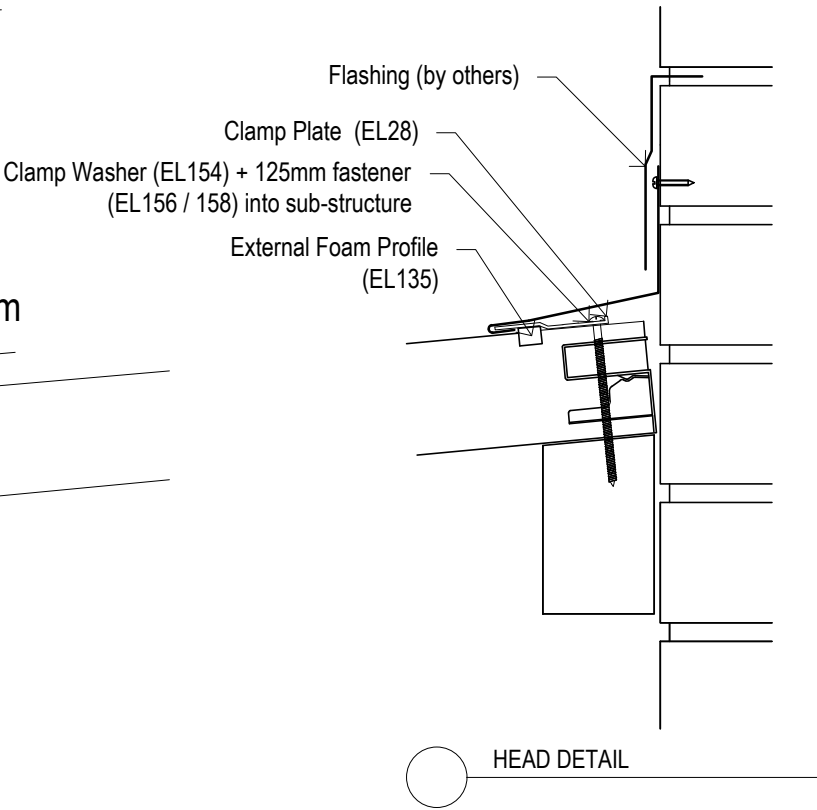
VAULT FASCIA DETAIL



GUTTER DETAIL



OVERLAP DETAIL



HEAD DETAIL



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Sheet Title:
LONGITUDINAL SECTION DETAILS
Drawing Series:
EVERBRIGHT ROOF STANDARD DETAILS

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|---------------------------------|----------------------------|--------------------------------|
| Drawn: HL | Checked: AN | Revision: A |
| Sheet Scale: 1:5 @ A3 | Date: 12/11/2020 | Sheet: 4 of 4 |