



## PIR INSULATED ROOF ENGINEERING FOR NON CYCLONIC REGIONS

*Australian Made For An Australian Lifestyle*

### ENGINEER CERTIFICATION

Patio Roofs constructed in accordance with these documents, pages 1 to 12 inclusive, issued by Delta Panels Pty. Ltd are certified to be structurally adequate and accordance to AS1170.2 and BCA (including Low-High-Low testing requirements).

J S George Meija  
BE. B Com CPEng MIE Aust  
Registered Professional Engineer Qld 742  
Registered Builder Qld 2862  
1/5 Golden Crst Place  
Bellbowrie Qld 4070

Signed:

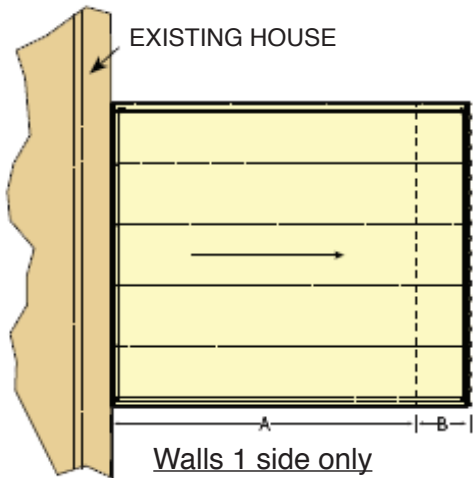
A handwritten signature in black ink, appearing to read "J S Meija", written over a horizontal line.

George J S Meija

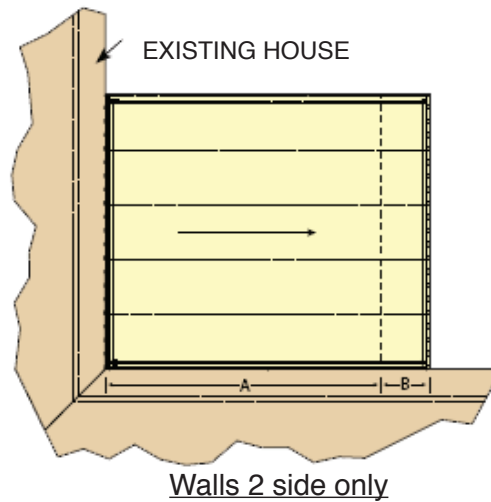


**Step 1:** Select the Roof style that suits your application, from the tables below:

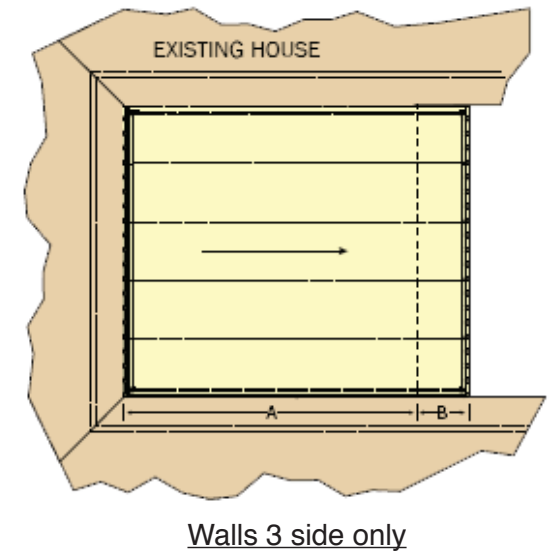
**Style 1 - Open 3 sides**



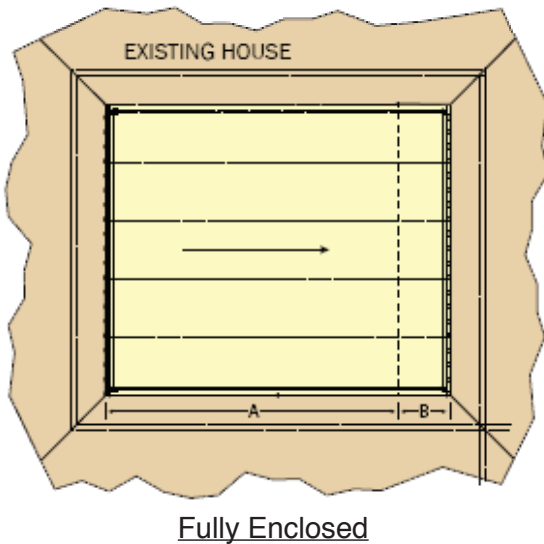
**Style 2 - Open 2 sides**



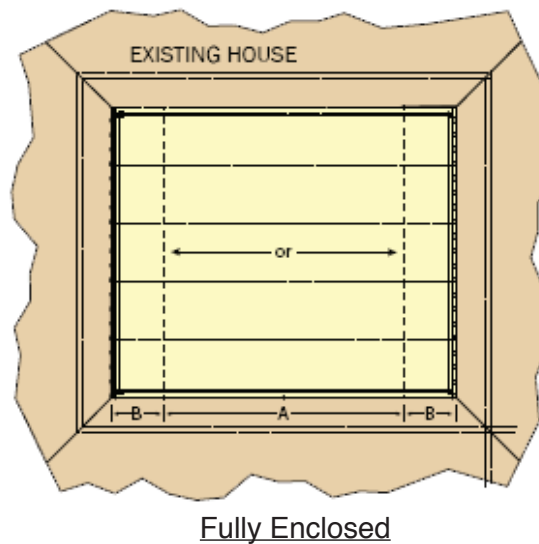
**Style 3 - Open 1 side**



**Style 4 - Fully Enclosed**



**Style 5 - Fully Enclosed**



**Notes:**

1. A side wall is classed as closed in if 70% of the cross sectional area is covered.
2. "A" above = Delta Panels span (refer to Step 2).
3. "B" above = DeltaSpan Overhang.

**Minimum pitch:**

- **DeltaTrim-PIR** 2°
- **DeltaOrb-PIR** 3°
- **DeltaCorro-Corro-PIR** 3°

**Step 2:** Select the Panel Thickness from the table below, by matching the Wind Category with the Roof Style selected in Step 1.

**DeltaTrim-PIR** SINGLE SPAN NON-CYCLONIC Span Tables

Wind Category	Panel Thickness	STYLE 1	STYLE 2	STYLE 3	STYLE 4	Maximum Overhang
		(3 or more sides open)	(2 sides open)	(1 side open)	(Fully enclosed)	(Each end)
N1/N2 (W28 / W33)	50mm	5400	5000	4500	4300	900
	75mm	6500	5500	5000	4700	900
	100mm	7200	6200	5700	5500	1000
	125mm	7800	6800	6400	6800	1200
	150mm	8200	7400	7000	6800	1200
	175mm	8600	8000	7500	7000	1200
N3 (W41)	50mm	4800	3800	3300	3000	900
	75mm	5500	4300	3900	3700	900
	100mm	6200	5000	4500	4300	1000
	125mm	6800	5500	5000	5000	1200
	150mm	7400	6000	5500	5100	1200
	175mm	8000	7500	6000	5900	1200
N4 (W50)	50mm	4000	3300	3000	3000	600
	75mm	4600	3600	3400	3300	600
	100mm	5300	4100	3800	3500	800
	125mm	6000	4500	4200	4000	900
	150mm	6600	5200	4800	4600	900
	175mm	7000	5800	5200	5000	900
N5 (W60)	50mm	3300	2800	2400	2200	600
	75mm	3600	3000	2800	2500	600
	100mm	3900	3300	3100	3000	600
	125mm	4100	3800	3500	3300	600
	150mm	4500	4300	3900	3500	600
	175mm	5000	4700	4400	4200	600

**DeltaTrim-PIR** MULTI SPAN NON-CYCLONIC Span Tables

Wind Category	Panel Thickness	STYLE 1	STYLE 2	STYLE 3	STYLE 4	Maximum Overhang
		(3 or more sides open)	(2 sides open)	(1 side open)	(Fully enclosed)	(Each end)
N1/N2 (W28 / W33)	50mm	5900	5500	4950	4730	900
	75mm	7000	6000	5500	5170	900
	100mm	7700	6700	6200	6000	1000
	125mm	8300	7300	6900	7300	1200
	150mm	8700	7900	7500	7300	1200
	175mm	9100	8500	8000	7500	1200
N3 (W41)	50mm	5280	4180	3630	3300	900
	75mm	6000	4730	4290	4070	900
	100mm	6700	5500	4950	4730	1000
	125mm	7300	6000	5500	5500	1200
	150mm	7900	6500	6000	5600	1200
	175mm	8500	8000	6500	6400	1200
N4 (W50)	50mm	4400	3630	3300	3300	600
	75mm	5060	3960	3740	3630	600
	100mm	5800	4510	4180	3850	800
	125mm	6500	4950	4620	4400	900
	150mm	7100	5700	5280	5060	900
	175mm	7500	6300	5700	5500	900
N5 (W60)	50mm	3630	3080	2640	2420	600
	75mm	3960	3300	3080	2750	600
	100mm	4290	3630	3410	3300	600
	125mm	4510	4180	3850	3630	600
	150mm	4950	4730	4290	3850	600
	175mm	5500	5170	4840	4620	600

**Step 2:** Select the Panel Thickness from the table below, by matching the Wind Category with the Roof Style selected in Step 1.

**DeltaOrb-PIR SINGLE SPAN NON-CYCLONIC Span Tables**

Wind Category	Panel Thickness	STYLE 1	STYLE 2	STYLE 3	STYLE 4	Maximum Overhang (Each end)
		(3 or more sides open)	(2 sides open)	(1 side open)	(Fully enclosed)	
N1/N2 (W28 / W33)	50mm	5400	4800	4300	4400	900
	75mm	6700	5700	5200	5300	900
	100mm	7400	6300	5900	6000	1000
	125mm	8000	6700	6200	6300	1200
	150mm	8500	7000	6500	6500	1200
N3 (W41)	50mm	5100	4000	3400	3600	900
	75mm	5700	4500	4100	4200	900
	100mm	6200	4900	4500	4600	1000
	125mm	6600	5400	5000	5100	1200
	150mm	6900	5500	5100	5200	1200
N4 (W50)	50mm	4000	3100	2600	2700	600
	75mm	4700	3700	3200	3300	600
	100mm	5100	4300	3600	3700	800
	125mm	5400	4700	4200	4300	900
	150mm	5600	4900	4300	4400	900
N5 (W60)	50mm	3400	2900	2400	2500	600
	75mm	3700	3100	2900	3000	600
	100mm	4100	3400	3100	3200	600
	125mm	4300	3600	3300	3400	600
	150mm	4500	3900	3500	3500	700

**DeltaOrb-PIR MULTI SPAN NON-CYCLONIC Span Tables**

Wind Category	Panel Thickness	STYLE 1	STYLE 2	STYLE 3	STYLE 4	Maximum Overhang (Each end)
		(3 or more sides open)	(2 sides open)	(1 side open)	(Fully enclosed)	
N1/N2 (W28 / W33)	50mm	5900	5280	4730	4840	900
	75mm	7200	6200	5700	5800	900
	100mm	7900	6800	6400	6500	1000
	125mm	8500	7200	6700	6800	1200
	150mm	9000	7500	7000	7000	1200
N3 (W41)	50mm	5600	4400	3740	3960	900
	75mm	6200	4950	4510	4620	900
	100mm	6700	5390	4950	5060	1000
	125mm	7100	5900	5500	5600	1200
	150mm	7400	6000	5600	5700	1200
N4 (W50)	50mm	4400	3410	2860	2970	600
	75mm	5170	4070	3520	3630	600
	100mm	5600	4730	3960	4070	800
	125mm	5900	5170	4620	4730	900
	150mm	6100	5390	4730	4840	900
N5 (W60)	50mm	3740	3190	2640	2750	600
	75mm	4070	3410	3190	3300	600
	100mm	4510	3740	3410	3520	600
	125mm	4730	3960	3630	3740	600
	150mm	4950	4290	3850	3850	700

**Step 2:** Select the Panel Thickness from the table below, by matching the Wind Category with the Roof Style selected in Step 1.

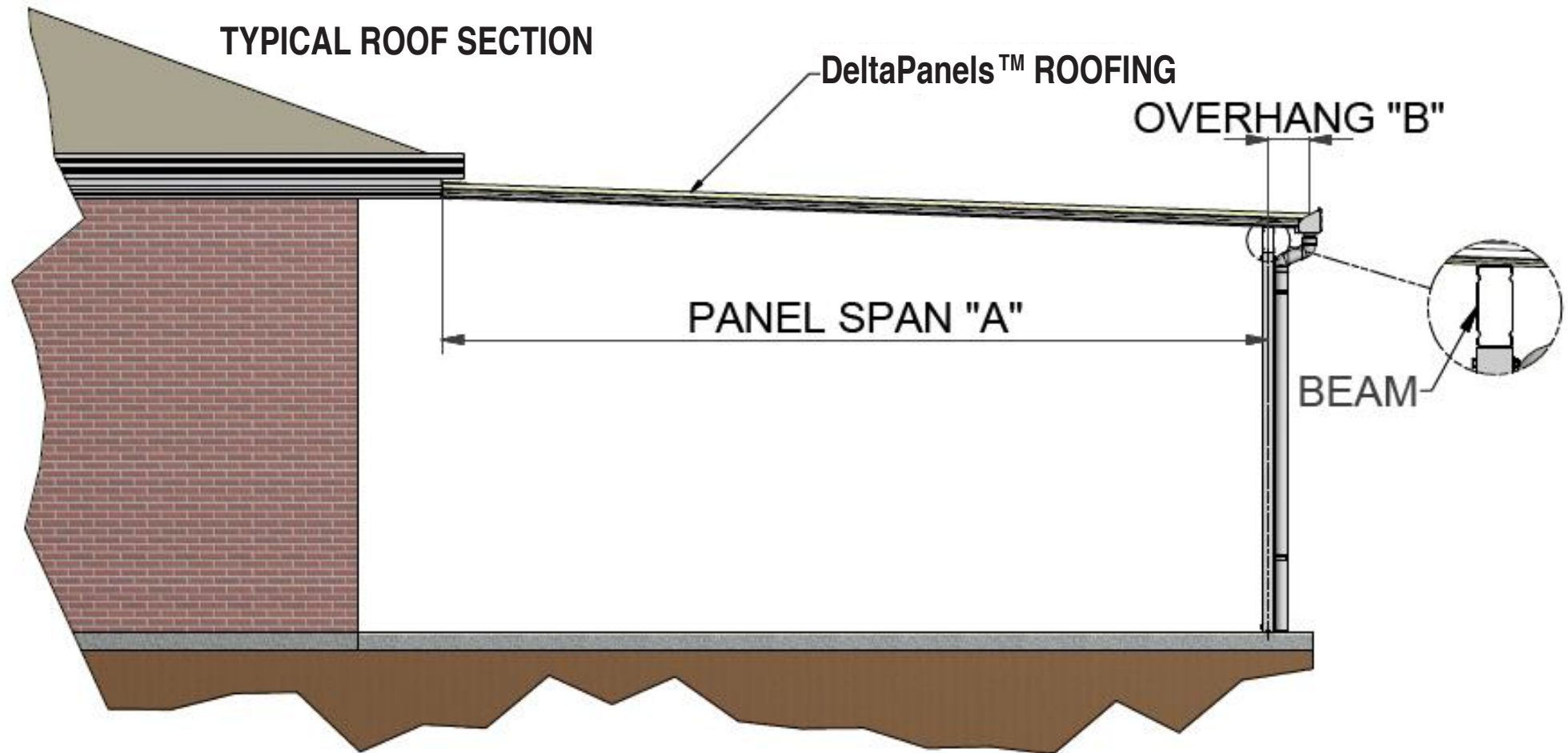
**DeltaCorro-Corro-PIR** SINGLE NON-CYCLONIC Span Tables

Wind Category	Panel Thickness	STYLE 1	STYLE 2	STYLE 3	STYLE 4	Maximum Overhang
		(3 or more sides open)	(2 sides open)	(1 side open)	(Fully enclosed)	(Each end)
N2 (W33)	75mm	4900	4900	4900	4900	1700
	85mm	5500	5500	5500	5500	1900
	100mm	6300	6300	6300	6300	2200
	125mm	7600	7600	7600	7600	2600
	140mm	8200	8200	8200	8200	2900
	160mm	8600	8600	8600	8600	3000
	175mm	9600	9600	9600	9600	3300
	200mm	10600	10600	10600	10600	3700
	250mm	12000	12000	12000	12000	4200
34 (W41)	75mm	4800	4400	4000	4000	1400
	85mm	5200	4800	4400	4400	1500
	100mm	6000	5600	5100	5100	1800
	125mm	7300	6700	6100	6100	2200
	140mm	8000	7300	6800	6800	2400
	160mm	8800	8200	7100	7100	2500
	175mm	9500	8700	8100	8100	2800
	200mm	10500	9700	8900	8900	3100
	250mm	12000	11500	10000	10000	3500

Wind Category	Panel Thickness	STYLE 1	STYLE 2	STYLE 3	STYLE 4	Maximum Overhang
		(3 or more sides open)	(2 sides open)	(1 side open)	(Fully enclosed)	(Each end)
N4 (W50)	75mm	4000	3500	3200	3200	1000
	85mm	4300	3900	3600	3600	1100
	100mm	5000	4600	4200	4200	1300
	125mm	6000	5600	5000	5000	1500
	140mm	6600	6100	5500	5500	1700
	160mm	7400	6800	5800	5800	1800
	175mm	7900	7200	6700	6700	2000
	200mm	8800	8100	7400	7400	2200
	250mm	10500	9600	8400	8400	2300
N5 (W60)	75mm	300	2600	2400	2400	600
	85mm	3600	3000	2700	2700	700
	100mm	4200	3600	3300	3300	800
	125mm	5100	4600	4100	4100	1000
	140mm	5600	5100	4500	4500	1100
	160mm	6100	5700	4800	4800	1200
	175mm	6700	6100	5500	5500	1400
	200mm	7400	6800	6000	6000	1500
	250mm	8800	7600	6000	6000	1800

**Step 3:** Determine the Load Width on the Beam

Load Width = Half (0.5) of Panel Span "A" + Overhang "B" (ALL)



## Step 4: Determine the Uplift Load on the Beam - NON-CYCLONIC

a) Use the “Load Widths” from Step 3 to determine the “Uplift Load on the Beam” in the table below.

b) Match the “Wind Category” and “Load Width” column with the Roof Style (1, 2, 3, or 4).

UPLIFT Loads on the BEAM (kN/m)					
Wind Category	Load Width (mm)	STYLE 1	STYLE 2	STYLE 3	STYLE 4
N1 / N2 (W33N)	1500	0.91	1.73	2.07	2.25
	1800	1.10	2.08	2.49	2.70
	2100	1.28	2.42	2.90	3.14
	2400	1.47	2.77	3.32	3.59
	2700	1.65	3.11	3.73	4.04
	3000	1.83	3.46	4.15	4.49
	3300	2.01	3.80	4.56	4.94
	3600	2.20	4.15	4.98	5.39
	3900	2.38	4.49	5.39	5.84
	4200	2.56	4.84	5.81	6.29
	4500	2.74	5.18	6.22	6.74
	4800	2.93	5.53	6.64	7.19
	5100	3.11	5.88	7.05	7.64
5400	3.39	6.40	7.67	8.32	
6000	3.66	6.91	8.29	8.99	

### Notes:

- A) Roof Styles (1, 2, 3 & 4) are defined in Step 1.  
 B) Values on the tables above may be linearly interpolated.

UPLIFT Loads on the BEAM (kN/m)					
Wind Category	Load Width (mm)	STYLE 1	STYLE 2	STYLE 3	STYLE 4
N3 (W41N)	1500	1.49	2.70	3.24	3.51
	1800	1.75	3.24	3.74	4.21
	2100	2.00	3.78	4.24	4.91
	2400	2.29	4.32	5.04	5.62
	2700	2.57	4.86	5.83	6.32
	3000	2.86	5.40	6.48	7.02
	3300	3.14	5.94	7.13	7.72
	3600	3.43	6.48	7.78	8.43
	3900	3.71	7.02	8.42	9.13
	4200	4.00	7.56	9.07	9.83
	4500	4.28	8.10	9.72	10.53
	4800	4.57	8.64	10.37	11.23
	5100	4.86	9.18	11.02	11.93
5400	5.29	9.99	11.99	12.99	
6000	5.71	10.80	12.96	14.04	
N4 (W50N)	1500	2.13	4.01	4.82	5.22
	1800	2.56	4.83	5.79	6.27
	2100	2.98	5.63	6.75	7.31
	2400	3.41	6.43	7.72	8.36
	2700	3.83	7.23	8.68	9.40
	3000	4.35	8.04	9.65	10.45
	3300	4.86	8.84	10.61	11.49
	3600	5.20	9.65	11.58	12.53
	3900	5.53	10.45	12.54	13.56
	4200	5.96	11.26	13.51	14.62
	4500	6.38	12.06	14.47	15.67
	4800	6.81	12.86	15.44	16.72
	5100	7.23	13.66	16.40	17.76

## Step 4: Post Spacing Table and Beam Selection Chart

Use the “Uplift on the Beam” (from Step 4) to select a suitable Beam and Post Spacing.

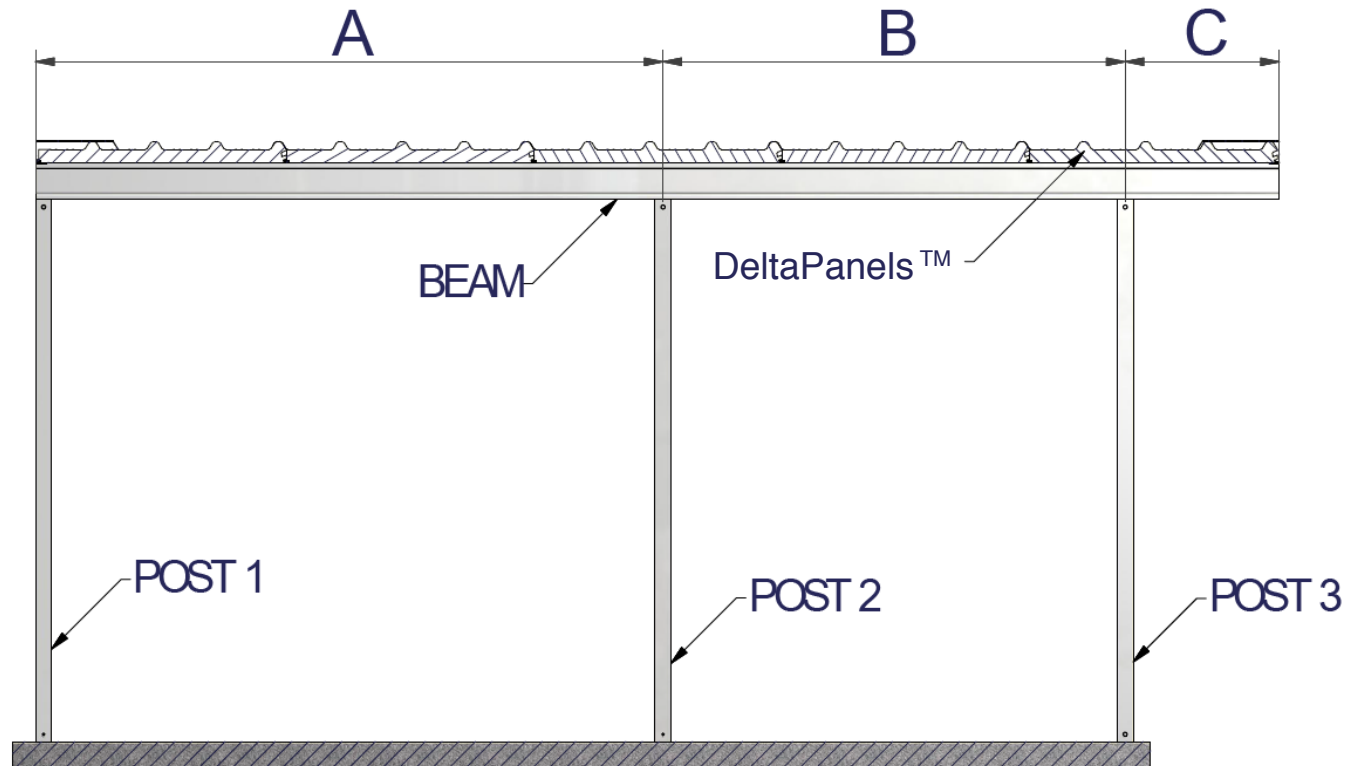
Note: Ensure the Beam’s Load Capacity (kN/m) below, exceeds the Uplift Load on the Beam from Step 4.

LOAD CAPACITIES of BEAMS (kN/m)																	
Type of Beam	Size of Beam	Maximum distance between Posts (Beam Span)															
		1.8 mtrs		2.4 mtrs		3.0 mtrs		3.6 mtrs		4.2 mtrs		4.8 mtrs		5.4 mtrs		6.0 mtrs	
		Single Span	Multi Span	Single Span	Multi Span	Single Span	Multi Span	Single Span	Multi Span	Single Span	Multi Span	Single Span	Multi Span	Single Span	Multi Span	Single Span	Multi Span
DeltaBeam	100 x 65	7.8	6.3	4.7	4.7	2.9	3.0	1.6	2.1	1.0	1.5	-	1.1	-	-	-	-
	150 x 65	11.4	9.1	8.5	6.8	6.8	5.4	5.0	4.5	3.7	3.7	2.5	2.8	1.8	2.2	1.3	1.8
	200 x 65	18.2	14.5	13.6	10.9	10.9	8.7	9.1	7.2	7.3	6.2	5.6	5.4	4.4	4.4	3.5	3.6
Timber	140 x 45 F7	15.0	13.0	6.6	7.3	3.4	4.7	1.9	3.2	1.2	2.2	0.8	1.5	-	1.0	-	-
	190 x 45 F7	27.3	23.7	15.3	13.3	8.5	8.5	4.9	5.9	3.1	4.3	2.0	3.3	1.4	2.6	1.0	1.9
	125 x 50 F14	13.3	11.5	7.4	6.5	4.1	4.1	2.3	2.8	1.5	2.1	1.0	1.6	-	1.2	-	0.9
	150 x 50 F14	19.1	16.6	10.7	9.3	6.9	6.0	4.1	4.1	2.5	3.0	1.7	2.3	1.2	1.8	0.8	1.5
	200 x 50 F14	34.0	29.6	19.1	16.6	12.2	10.6	8.5	7.4	6.1	5.4	4.1	4.1	2.8	3.2	2.1	2.6
	150 x 50 F14	28.7	25.0	16.1	14.0	10.3	9.0	6.1	6.2	3.8	4.5	2.6	3.5	1.8	2.7	1.3	2.2
	200 x 75 F14	51.1	44.4	28.7	25.0	18.4	16.0	12.7	11.1	9.2	8.1	6.1	6.2	4.3	4.9	3.1	4.0
“C” Purlins	C150 x 1.5	14.5	15.9	8.1	8.2	4.0	5.4	2.2	3.7	1.3	2.7	0.8	2.0	0.5	1.4	-	1.0
	C150 x 1.9	15.7	26.4	8.8	15.8	5.6	7.6	3.0	5.3	1.7	3.7	1.1	2.6	0.7	1.9	0.5	1.4
	C200 x 1.5	20.2	15.1	11.3	10.3	7.2	6.1	4.1	4.6	2.4	3.6	1.5	2.8	1.0	2.2	0.7	1.8
	C200 x 1.9	29.3	28.0	16.5	18.6	10.5	10.6	5.7	7.8	3.5	5.7	2.2	4.3	1.1	3.4	1.0	2.5
RHS	100 x 50 x2	14.3	14.3	8.0	8.0	5.1	5.1	3.6	3.6	2.3	2.6	1.5	2.0	1.0	1.6	0.7	1.3
	100 x 50 x 3	20.7	20.7	11.6	11.6	7.4	7.4	5.1	5.1	3.2	3.8	2.1	2.9	1.5	2.3	1.1	1.8
	100 x 50 x4	25.9	25.9	14.6	14.6	9.3	9.3	6.3	6.4	4.0	4.7	2.7	3.6	1.8	2.8	1.3	2.3
	125 x 75 x 3	36.7	36.7	20.6	20.6	13.2	13.2	9.2	9.2	6.7	6.7	4.9	5.1	3.5	4.0	2.5	3.3
	125 x 75 x 4	46.9	46.9	26.3	26.3	16.8	16.8	11.7	11.7	8.6	8.6	6.2	6.6	4.4	5.2	3.2	4.2
	125 x 50 x 5	56.5	56.5	31.8	31.8	20.3	20.3	14.1	14.1	10.3	10.3	7.4	7.9	5.2	6.2	3.8	5.0
	150 x 50 x 3	39.9	39.9	22.4	22.4	14.3	14.3	9.9	9.9	7.3	7.3	5.6	5.6	4.3	4.4	3.1	3.5
	150 x 50 x 4	50.8	50.8	26.6	26.6	18.3	18.3	12.5	12.5	9.0	9.0	6.7	6.7	5.1	5.1	3.9	4.0
	150 x 50 x 5	61.3	61.3	34.5	34.5	22.0	22.0	15.3	15.3	11.2	11.2	8.6	8.6	6.4	6.8	4.6	5.4
150 x 100 x 4	114.3	113.3	64.3	64.3	41.1	41.1	28.5	28.5	18.0	21.0	12.0	16.0	8.4	12.7	6.1	10.2	
Lysaght Firmlok	100 x50	7.8	6.3	4.7	4.7	2.9	3.0	1.6	2.1	1.0	1.5	-	1.1	-	-	-	-
	150 x 50	11.4	9.1	8.5	6.8	6.8	5.4	5.0	4.5	3.7	3.7	2.5	2.8	1.8	2.2	1.3	1.8
	200 x 50	18.2	14.5	13.6	10.9	10.9	8.7	9.1	7.2	7.3	6.2	5.6	5.4	4.4	4.4	3.5	3.6



## Step 6: Calculate the Uplift on the Posts

6.1 Select the Load Width on each Post, refer to the diagram below:



**Load Width - Post 1 = Half (0.5) of “A” (metres)**

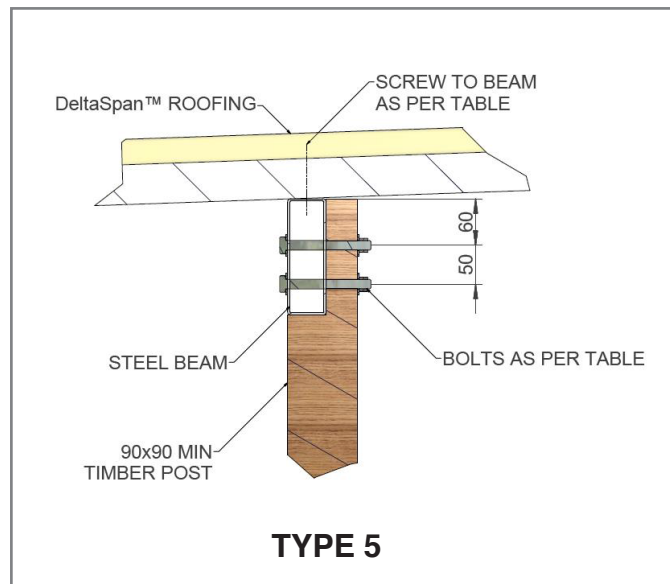
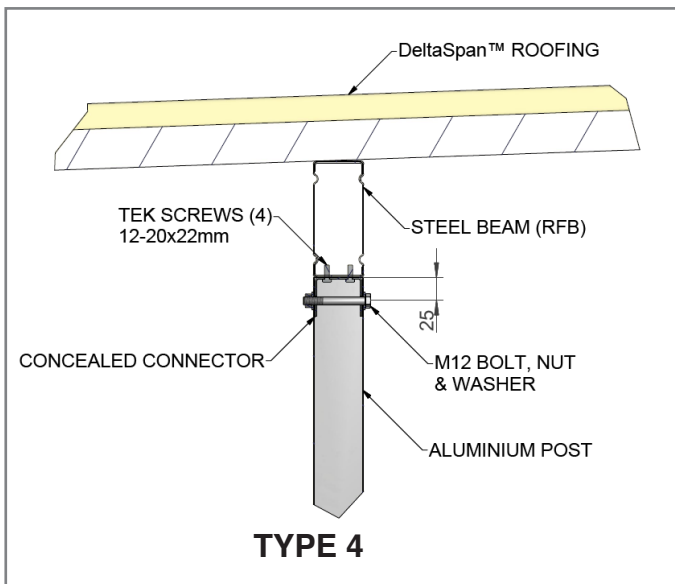
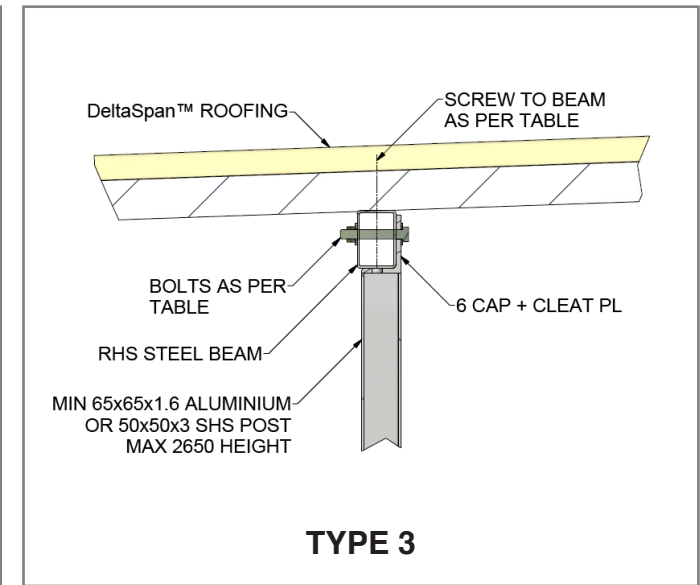
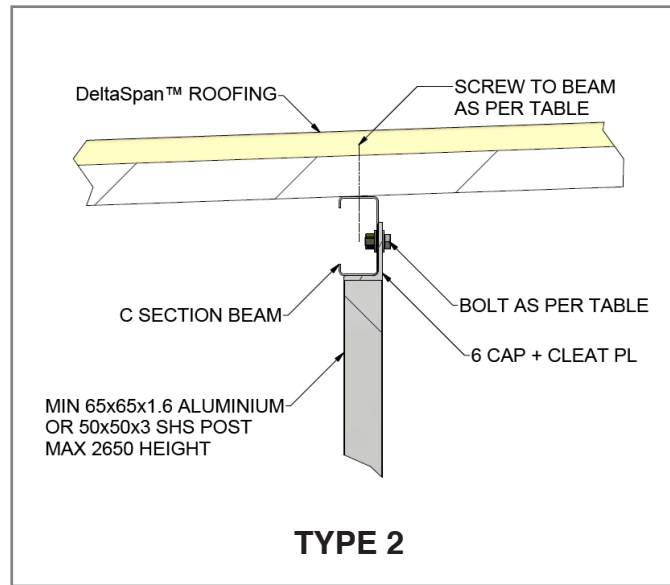
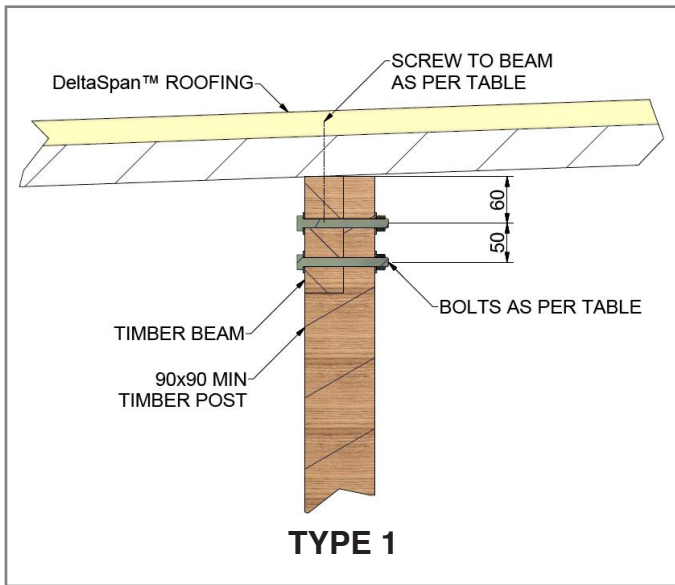
**Load Width –Post 2 = Half (0.5) of “A” + Half (0.5) of “B” (metres)**

**Load Width –Post 3 = Half (0.5) of “B” + “C” (metres)**

**Note:** This view looks along the length of panels.

6.2 Uplift on the Post (kN) = Uplift on the Beam (kN/m) x Load Width of the Post (metres).

## Step 7: Select Beam to Post Connection Type



Bolt Size Table	
Uplift on Post	Qty / Bolt Size
6 kN	1 x M12
12 kN	2 x M12 or 1 x M16
18 kN	1 x M20 or 2 x M16
28 kN	2 x M20

**Step 8:** **DELTA PANELS™** Fixing Information

a) Select the number of fixings and type required.

b) Uplift load on the Beam was calculated in Step 4.

**Number of Fixings:****DeltaTrim-PIR**

Uplift on Post	No. of fixings required
< 7.2 kN/M	1 x Screw with Neo Washer & Cyclone Plate per Crest
< 14.4 kN/m	1 x Screw with Neo Washer & Cyclone Plate per Crest + 1 x Screw with Embossed Washer per Pan
< 21.6 kN/m	1 x Screw with Neo Washer & Cyclone Plate per Crest + 2 x Screw with Embossed Washer per Pan

**DeltaOrb-PIR**

Uplift on Post	No. of fixings required
< 10.8 kN/m	1 x Screw with Neo Washer & Cyclone Plate per every second (2nd) Crest
<21.6kN/m	1 x Screw with Neo Washer & Cyclone Plate per Crest + 1 x Screw with Embossed Washer per Pan

**DeltaCorro-Corro-PIR**

Uplift on Post	No. of fixings required
< 10.8 kN/m	1 x Screw with Neo Washer & Cyclone Plate per every second (2nd) Crest
<21.6kN/m	1 x Screw with Neo Washer & Cyclone Plate per Crest + 1 x Screw with Embossed Washer per Pan

## Step 8: Fixing Information

a) Select the number of fixings and type required.

b) Uplift load on the Beam was calculated in Step 4.

### Screw Types:

Minimum Class 3 - must be HEX Head	DeltaTrim-PIR	
	Timber Beam	Metal Beam
50mm	125mm - Type 17	135mm
75mm	150mm - Type 17	150mm
100mm	175mm - Type 17	175mm
125mm	200mm - Type 17	200mm
150mm	230mm - Type 17	230mm
175mm	265mm - Type 17	260mm
200mm	265mm - Type 17	260mm

Minimum Class 3 - must be HEX Head	DeltaOrb-PIR	
	Timber Beam	Metal Beam
50mm	125mm - Type 17	115mm
75mm	150mm - Type 17	135mm
100mm	175mm - Type 17	150mm
125mm	200mm - Type 17	175mm
150mm	230mm - Type 17	200mm

Minimum Class 3 - must be HEX Head	DeltaCorro-Corro-PIR	
	Timber Beam	Metal Beam
75mm	150	135
85mm	150	150
100mm	175	150
125mm	200	175
140mm	200	200
160mm	200	200
175mm	230	230
200mm	265	260
250mm	300	300

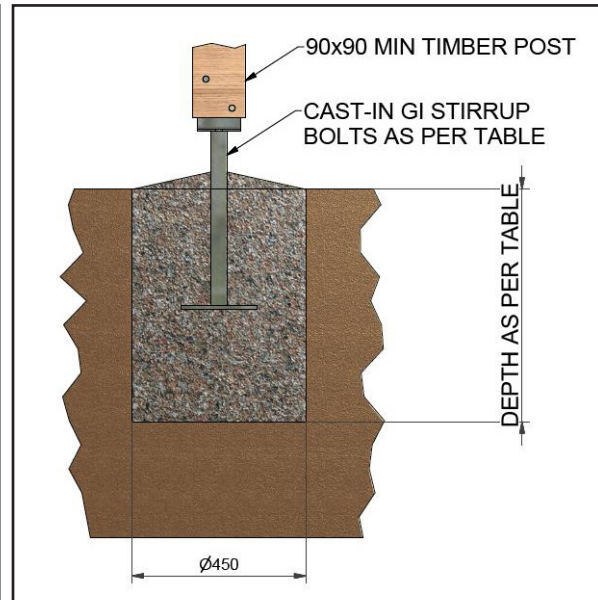
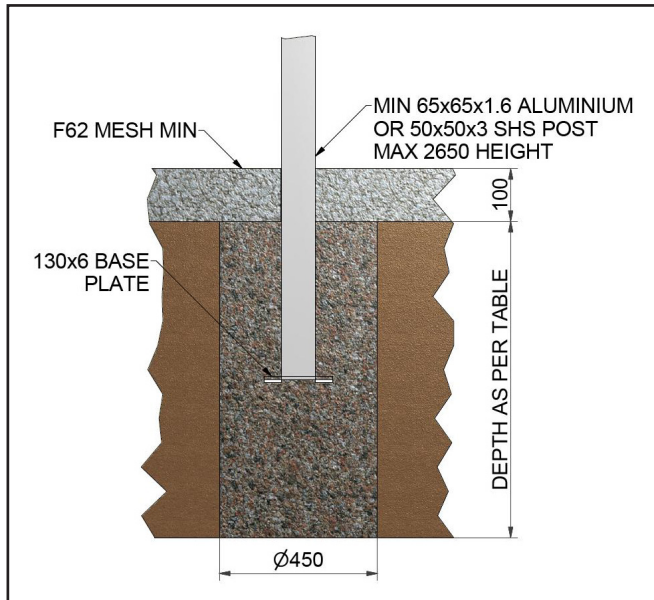
The high rib overlap needs to be secured with 4.8mm steel rivets (or the steel screw equivalent ) at 300mm on centre.

## Step 9: Post to Footing Selection

Select the Post to Footing connection type:

a) To determine the Post to Base connection and the Footing Type, use the “Uplift on the Post” (kN/m) for each post from Step 6.

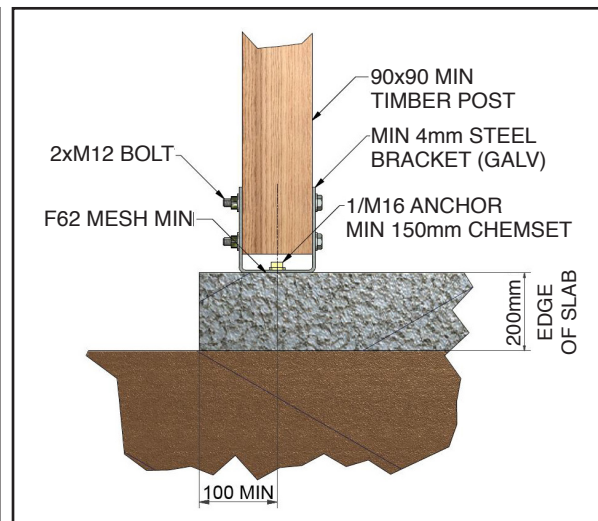
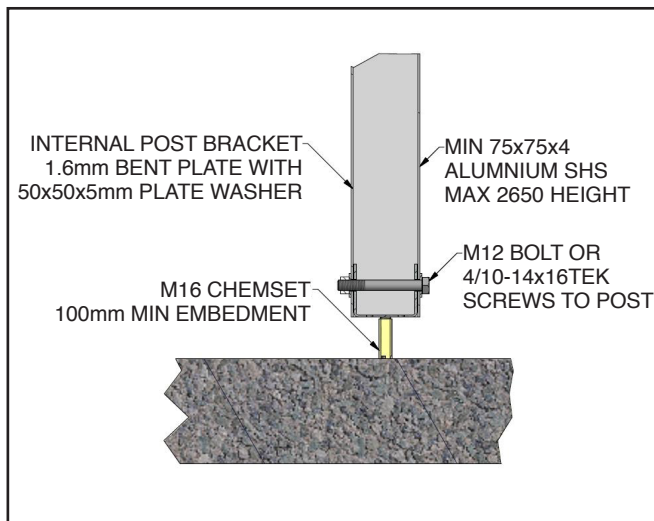
b) The Hold Down capacity of the Footing MUST exceed the “Uplift on the Post” capacity.



Hold Down Capacity (kN)	Footing with SLAB OVER-DEPTH (mm)	BOLTS Quantity & Size (mm)
6.7	500	1 x M12
13.1	750	2 x M12 or 1 x M16
20.8	1000	2 x M16
29.0	1250	2 x M20

### Notes:

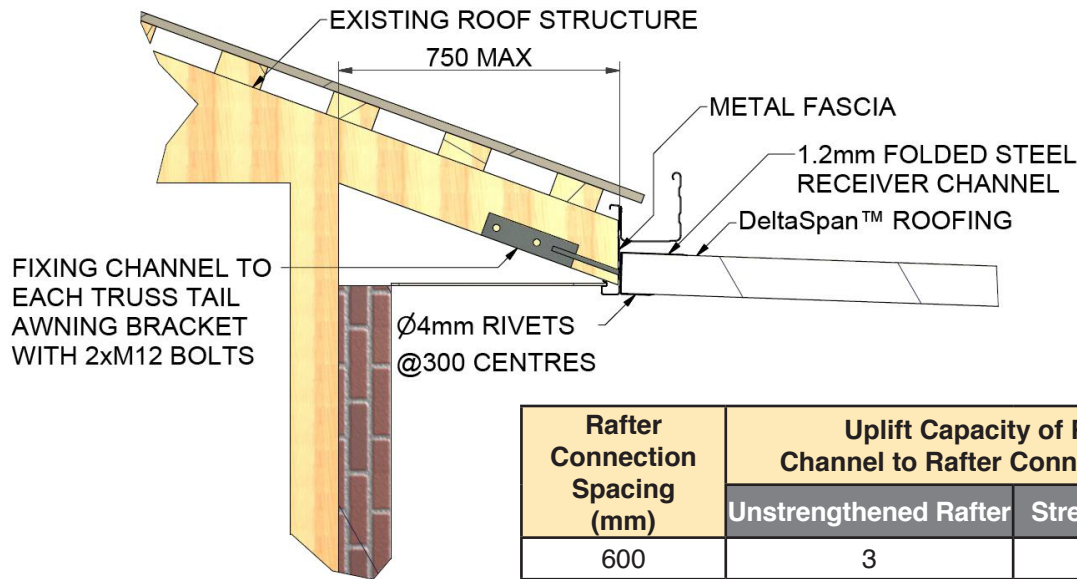
1. Hold down capacities applies to piers with an undercut into cohesive clay soils not applicable in sandy soils - refer to engineer for details.
2. For footings with depth deeper than 500mm - reinforce the footing with 4 x Y12 Vertical Rods –ties with R6 LIGS500 centres.
3. Slab must be minimum 20MPa and cover full area under the **DELTA PANELS™** roof.
4. Slab must be reinforced with F62 mesh or greater.



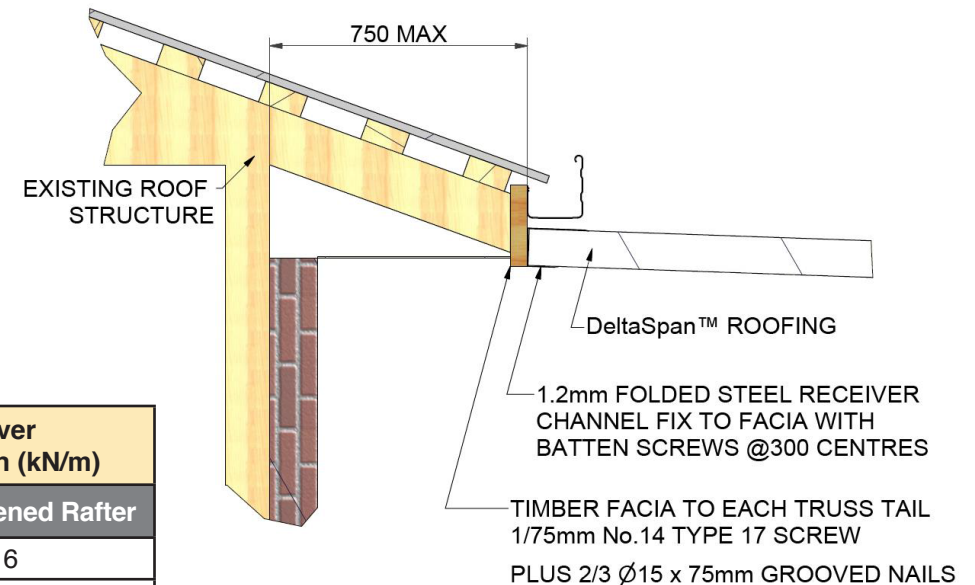
Hold Down Capacity (kN)	Footing with SLAB OVER-DEPTH (mm)	BOLTS Quantity & Size (mm)
3.5	500	1 x M12
8.5	750	2 x M12 or 1 x M16
14.01	1000	2 x M16
22.0	1250	2 x M20



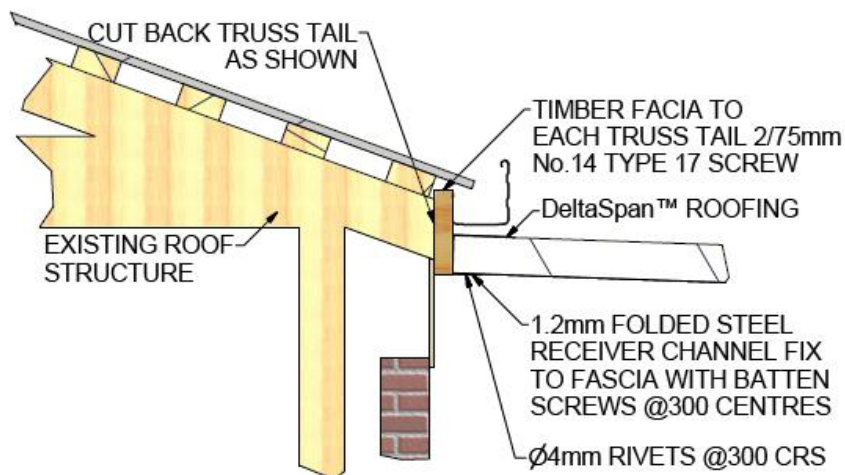
# Step 10: **DELTA PANELS™** Connection to House (Fascia)



Rafter Connection Spacing (mm)	Uplift Capacity of Receiver Channel to Rafter Connection (kN/m)	
	Unstrengthened Rafter	Strengthened Rafter
600	3	6
900	2	4
1200	1.5	3



**Rafter Strengthening:** Fix timber stiffener - 90 x 35 x 1500 long to rafter with 75mm long x No.14 Type 17 batten screws @ 300 centres (not shown above).

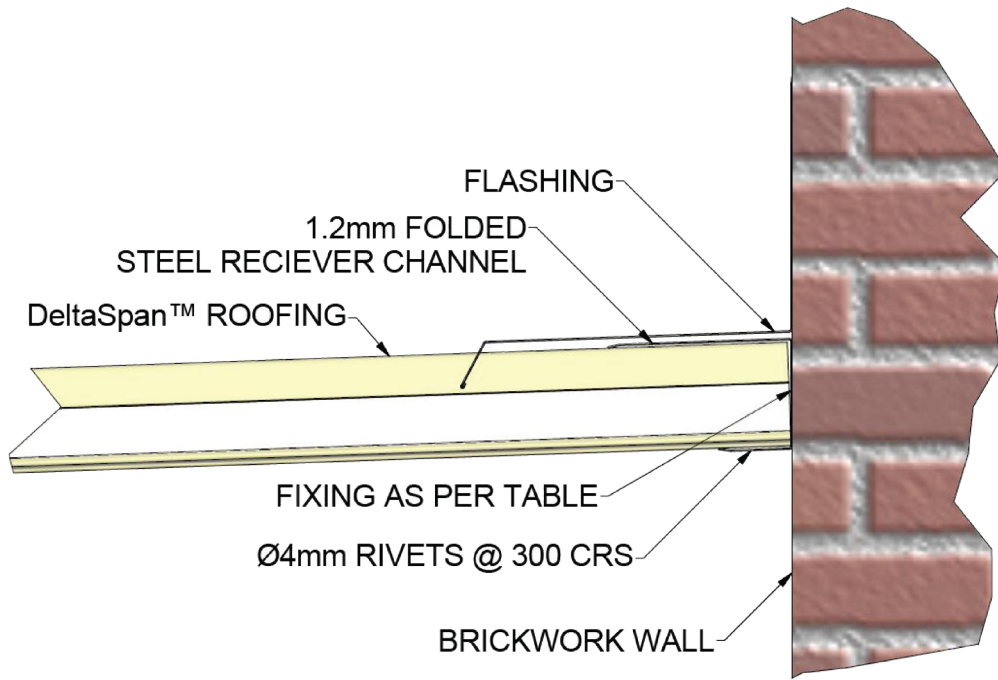


Rafter Spacing (mm)	Uplift Capacity of Receiver Channel to Rafter Connection (kN/m)
600	6
900	4
1200	3

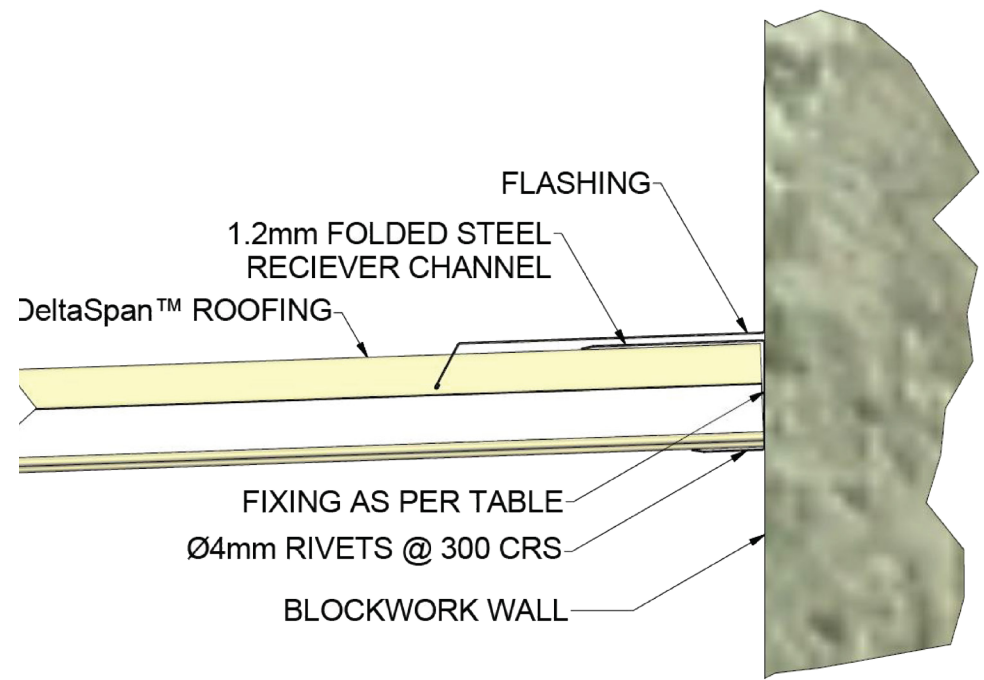
## Notes:

- Cut back rafter tails as shown.
- Fix new fascia to each rafter tail with two (2) x 75mm batten screws.
- Fix **DELTA PANELS™** receiver channel to fascia with No.14 Type 17 screws @ 300 centres.

**Step 10:** > **DELTA PANELS™** Connection to House (Fascia)



**Brick Wall**



**Masonry Wall**

<b>Uplift Capacity of Connection</b>	2.5kN/m (fixing @ 300 centres)
--------------------------------------	--------------------------------

<b>Uplift Capacity of Connection</b>	3.5kN/m (fixing @ 300 centres)
--------------------------------------	--------------------------------

**Notes:**

Do not attach to Brickwork with less than 1.5 mtrs of brick/blockwork - unless brick/blockwork is tied down with anchor rods. Otherwise separate tied down structure is required.

Single Span / Multi Span  
(cross out Not Applicable)

Patio Style selected: \_\_\_\_\_

Wind category: \_\_\_\_\_

Panel Thickness: \_\_\_\_\_

Load Width: \_\_\_\_\_

Uplift Load selected: \_\_\_\_\_ kN/m

Beam Type: \_\_\_\_\_

Max Beam Span: \_\_\_\_\_  
(between posts)

Load width (outer posts): \_\_\_\_\_

Load width (inner posts): \_\_\_\_\_

Uplift on Post (outer): \_\_\_\_\_ kN

Uplift on Post (inner): \_\_\_\_\_ kN

Bolt size selected: \_\_\_\_\_

Post to Beam connection: style \_\_\_\_\_

Post to Footing type: style \_\_\_\_\_

Connection to House type: style \_\_\_\_\_

\* ▶ DeltaSpan™ is a registered trademark of Delta Panels Pty Ltd