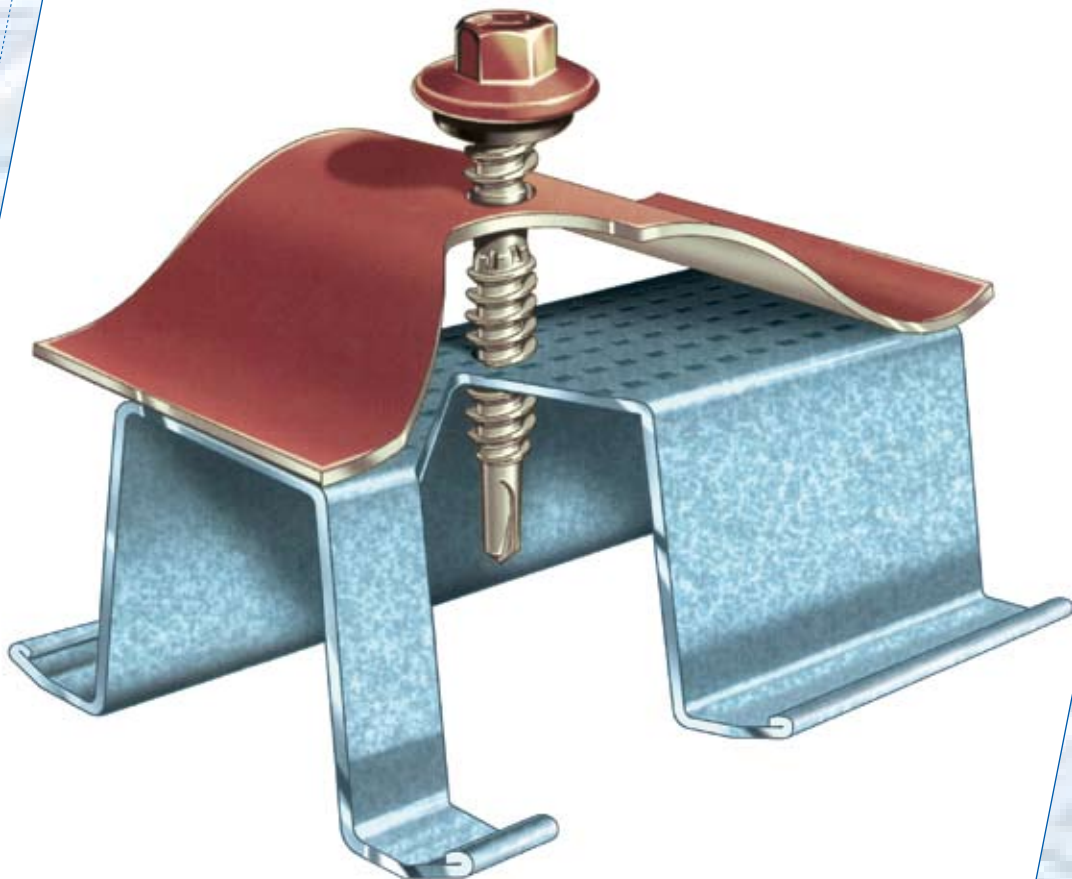




Steeline

JH STEPHENSON

Truecore® Steel Roof Battens



**LONG, STRAIGHT, STRONG
MITRE CUT AT BOTH ENDS**

STEELINE 40mm ROOF BATTEN

Steel roof battens can be used in conjunction with timber or steel trusses.

Features

- Light, long and strong
- Embossed surface for grip and screw location
- End lapping over a truss for continuity and alignment
- Rolled safety edges
- Mitre cut both ends for hips and valleys

Material Specification

Truecore® G550 - AM125 Complies with AS.1397

Base Metal Thickness

- .48
- .55
- .75 (not available in all locations)

Truecore®

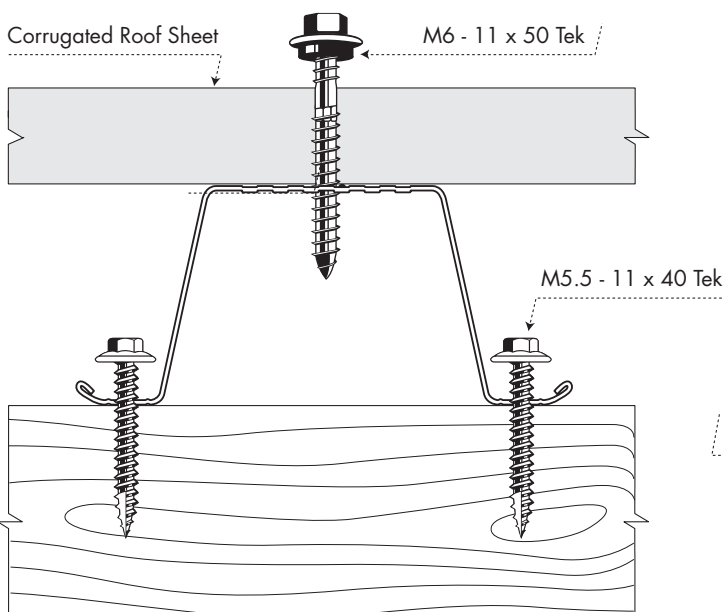
Batten Support - G550/1.0mm BMT (2 x 12-14 Hex. Head Tek's per support)

Roof Sheet/no. of Screws	AS 4055 Wind Classification	Span on Roof	TH4048		TH4055		TH4075		TH4048		TH4055		TH4075	
			Double Batten Span						Triple Batten Span					
			Batten Span (mm)						Batten Span (mm)					
			900	1200	900	1200	900	1200	900	1200	900	1200	900	1200
Corrugated 0.42/3 or 5 x #12-14 Hex. Head Tek's (Min 2) per support	N1	Single Span	700 (700)	700 (700)	700 (700)	700 (700)	700 (700)	700 (700)	700 (700)	700 (700)	700 (700)	700 (700)	700 (700)	700 (700)
		End Span	900 (900)	850 (850)	900 (900)	900 (900)	900 (900)	900 (900)	900 (900)	900 (900)	900 (900)	900 (900)	900 (900)	900 (900)
		Internal Span	1200 (1200)	1200 (1200)	1200 (1200)	1200 (1200)	1200 (1200)	1200 (1200)	1200 (1200)	1200 (1200)	1200 (1200)	1200 (1200)	1200 (1200)	1200 (1200)
	N2	Single Span	700 (700)	700 (700)	700 (700)	700 (700)	700 (700)	700 (700)	700 (700)	700 (700)	700 (700)	700 (700)	700 (700)	700 (700)
		End Span	900 (900)	610 (610)	900 (900)	770 (770)	900 (900)	900 (900)	900 (900)	720 (720)	900 (900)	900 (900)	900 (900)	900 (900)
		Internal Span	1200 (1200)	1120 (1120)	1200 (1200)	1200 (1200)	1200 (1200)	1200 (1200)	1200 (1200)	1200 (1200)	1200 (1200)	1200 (1200)	1200 (1200)	1200 (1200)
	N3	Single Span	700 (600)	700 (600)	700 (600)	700 (600)	700 (600)	700 (600)	700 (600)	700 (600)	700 (600)	700 (600)	700 (600)	700 (600)
		End Span	720 (720)	390 (390)	850 (750)	490 (490)	850 (750)	640 (640)	870 (750)	460 (460)	900 (750)	580 (580)	900 (750)	720 (720)
		Internal Span	1200 (1050)	710 (710)	1200 (1050)	890 (890)	1200 (1050)	1150 (1050)	1200 (1050)	840 (840)	1200 (1050)	1050 (1050)	1200 (1050)	1200 (1050)
	N4	Single Span	700	520	700	660	700	700	700	620	700	700	700	700
		End Span	480	260	570	330	570	430	580	310	650	390	650	490
		Internal Span	880	480	1040	600	1040	780	1060	570	1180	710	1180	880

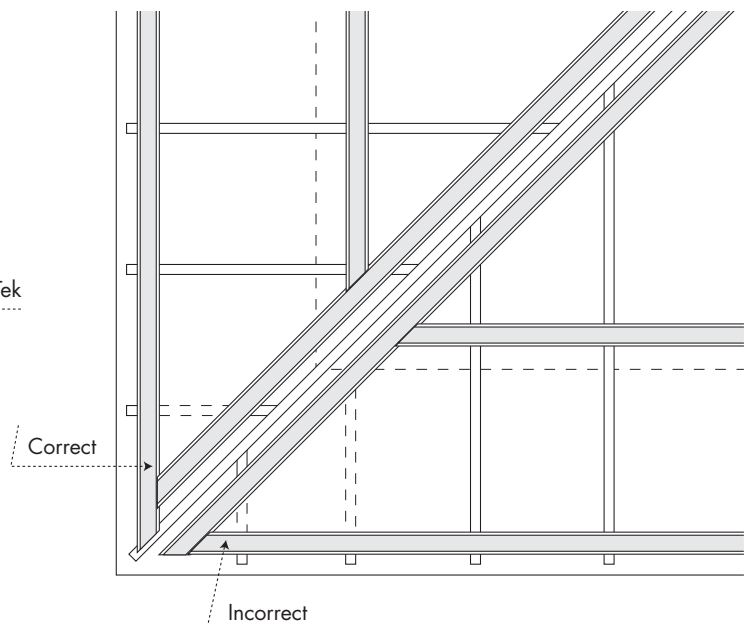
- Notes:
1. Roof sheet spans in brackets () are for roof sheets connected with 3 screws per support.
 2. M6 Roof Zips may be used instead of #12-14 Roof Tek's. Refer to Steeline product brochure to obtain correct roofing screw lengths.
 3. Use #12-14x20mm Hex Head Tek's for fixing battens to steel supports and #12-11x40mm Hex Head Batten Zips for fixing to timber supports.
 4. Exposed roof battens are not trafficable.
 5. Table is valid for hardwood/softwood supports with either #10-12 or #12-11 Buildex Zips and a minimum embedment of 36mm.

Maximum batten spacing for uplift forces - Corrugated (0.42 BMT)

Fastening Roof Sheet to Batten



Hips & Corners - Batten Layout





Steeline Battens are straight, strong and mitre cut at both ends



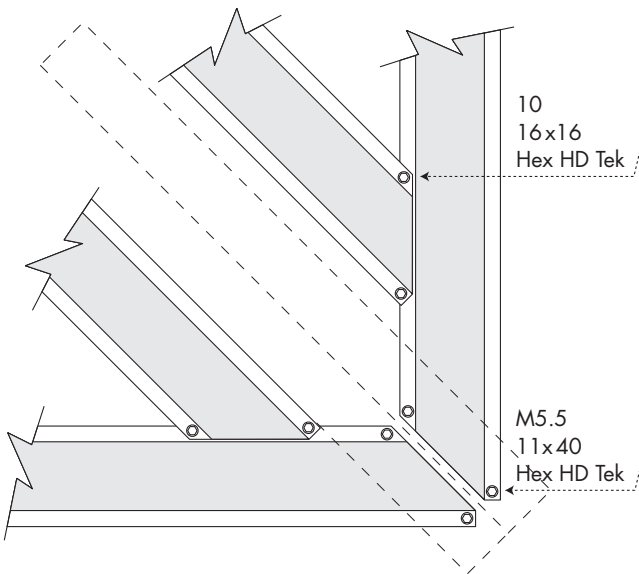
Service over and above

Technical Specifications available on the Steeline Website www.steeline.com.au

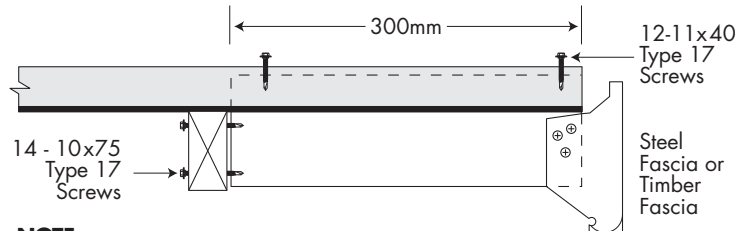
Sectional Properties, Screw Capacities and Load Tables

Maximum Batten spacing for the Steeline range of Roofing Products

Corners - Mitre Cut

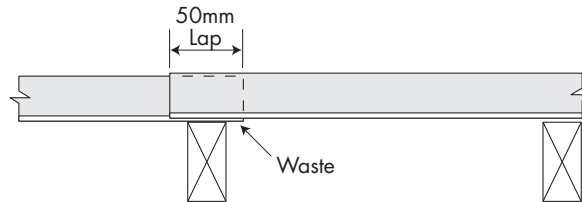


Overhangs/Lapped Joints

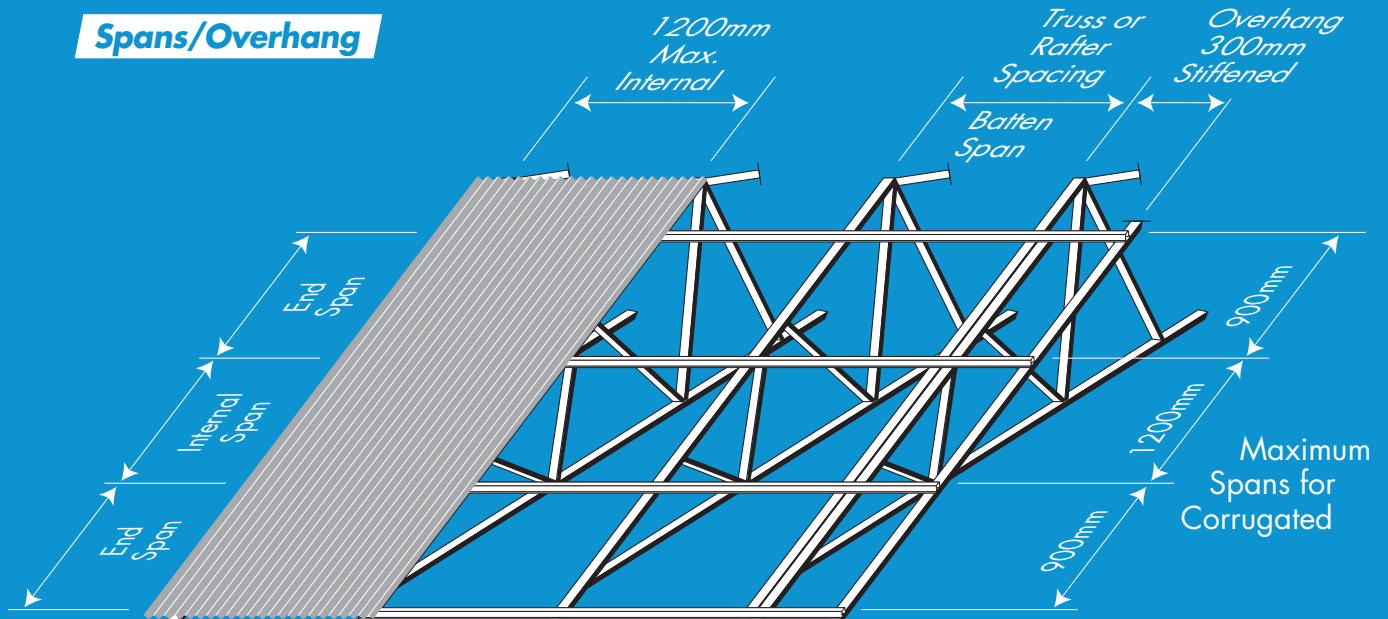


NOTE
Engineering details required for batten exceeding 300mm overhang

Overhead	Timber Section
300	125 x (F11)







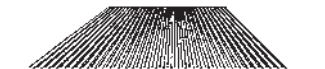


Spans/Overhang

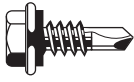





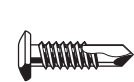

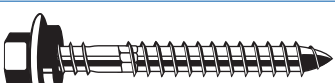



ROOF AND WALL SHEET SELECTION TABLES

Max Spans

PROFILE	B.M.T. mm	Mass Kg/M ²	Profile Cover	Rib Depth	Min Pitch	Roof Internal	Roof End	Wall Internal		
CORRUGATED HI-TEN 	.42	4.3	.762	16	5° (1 in 12)	1200	900	1800		
	.48	4.9								
CORRUGATED CURVING 	.60	6.1	.762	17	5° (1 in 12)	1200	900	1800		
MULTICLAD HI-TEN 	.42	4.3	.762	29	2° (1 in 30)	1500	1000	2200		
	.48	4.9								
MULTISPAN HI-TEN 	.42	4.7	.700	24	3° (1 in 20)	2100	1500	2900		
	.48	5.3								
LOKDEK 680 	.42	4.79	.680	41	2° 1° (1 in 50)	1800	1500	...		
	.48	5.45						2400	1800	...
	.60	6.75						3000	2400	2400
GP PANEL 	.35	3.4	.825	12	1000		
	.42	4.0						1200		
MINI CORRUGATED 	.42	3.9	.825	6	900		
	.48	4.42						1000		

FIXING SCREWS

No. 10 x 16 mm HEX HD TEKS		No. 12 x 25 mm HEX HD TYPE 17	
No. 12 x 35 mm HEX HD TEKS		No. 12 x 40 mm HEX HD TYPE 17	
No. 12 x 45 mm HEX HD TEKS		No. 12 x 50 mm HEX HD TYPE 17	
No. 10 x 16 mm WAF HD TEKS		No. 12 x 65 mm HEX HD TYPE 17	
M6 11 x 50 mm ROOF ZIP		10 x 30 mm RIPPLE TEKS	

Whilst every care is taken in the preparation of these specifications, JH Stephenson & Son Pty Ltd accept no responsibility for the accuracy of the information supplied.