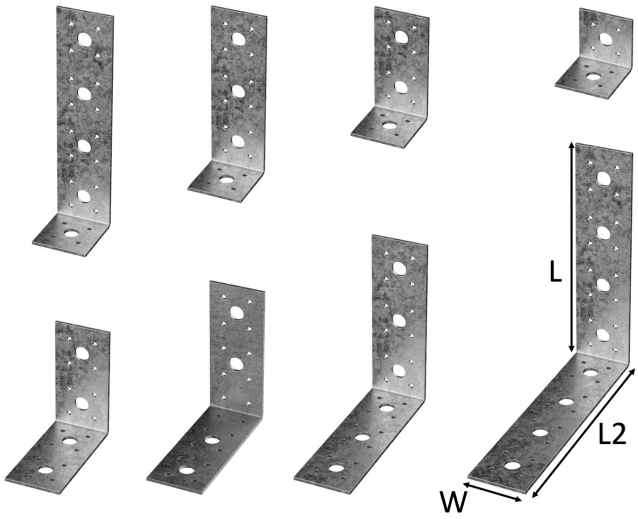
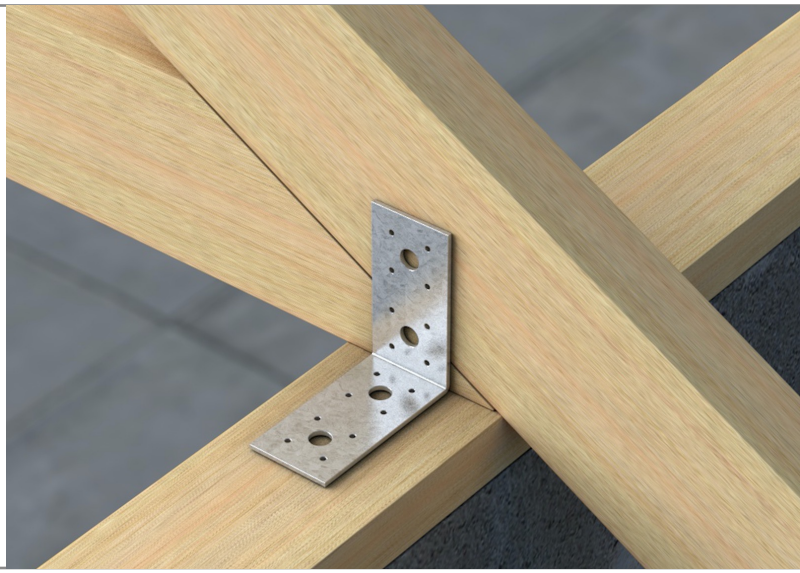
AB50 Heavy Duty Angle Bracket

Data sheet
Issue Date:
May 2026

The AB50 range are a 2.3mm thick galvanised steel multipurpose angle bracket, these 50mm wide brackets and plates provide a strong connection allowing for the use of bolts, nails, screws. Suitable for timber to timber, timber to masonry and timber to steel applications. Produced from galvanised steel to BS EN 10346 + G275 as standard, or stainless steel grade 304 to BS EN 10088-2 Grade 1.4301, available to order.





Product

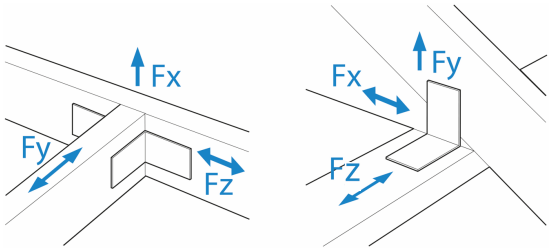
Features:
- Easy to install

Fixings:
- Type A, 30 x 3.75mm Sherardised Square Twist Nails
- Type B, 35 x 3.75mm.

Approvals:
- CE Marked
- UKCA Marked

Packaging:
- Box Quantities 100

Load Directions



Product Details																								
Product code	Dimensions (mm)			Holes no. x Ø (mm)				Characteristic Capacity [kN]																
				Plate 1 (L)		Plate 2 (L2)		C16 Timber						C24 Timber						TR26 Timber				
								Type A Nails			Type B Nails			Type A Nails			Type B Nails			Type A Nails			Type B Nails		
	W	L	B	4.0 Ø	13.0 Ø	4.0 Ø	13.0 Ø	$F_{x,k}$	$F_{y,k}$	$F_{z,k}$	$F_{x,k}$	$F_{y,k}$	$F_{z,k}$	$F_{x,k}$	$F_{y,k}$	$F_{z,k}$	$F_{x,k}$	$F_{y,k}$	$F_{z,k}$	$F_{x,k}$	$F_{y,k}$	$F_{z,k}$	$F_{x,k}$	$F_{y,k}$	$F_{z,k}$
AB50/50x50	50	50	50	4	1	4	1	4.66	1.77	4.09	5.45	3.07	5.28	5.19	2.00	4.56	6.08	3.47	5.91	5.45	2.11	4.80	6.39	3.66	6.22
AB50/100x50		100	50	8	2	4	1	4.66	1.77	4.09	5.45	3.07	5.28	5.19	2.00	4.56	6.08	3.47	5.91	5.45	2.11	4.80	6.39	3.66	6.22
AB50/150x50		150	50	12	3	4	1	4.66	1.77	4.09	5.45	3.07	5.28	5.19	2.00	4.56	6.08	3.47	5.91	5.45	2.11	4.80	6.39	3.66	6.22
AB50/200x50		200	50	16	4	4	1	4.66	1.77	4.09	5.45	3.07	5.28	5.19	2.00	4.56	6.08	3.47	5.91	5.45	2.11	4.80	6.39	3.66	6.22
AB50/125x125		125	125	10	2	10	2	7.46	3.07	6.82	8.72	4.21	7.39	8.30	3.27	7.27	9.72	4.55	7.91	8.71	3.37	7.43	10.22	4.73	8.11
AB50/100x100		100	100	8	2	8	2	7.46	3.07	6.82	8.72	4.21	7.39	8.30	3.27	7.27	9.72	4.55	7.91	8.71	3.37	7.43	10.22	4.73	8.11
AB50/150x150		150	150	12	3	12	3	10.56	3.07	6.82	12.34	4.21	7.39	11.74	3.27	7.27	13.76	4.55	7.91	12.33	3.37	7.43	14.46	4.73	8.11
AB50/200x200		200	200	16	4	16	4	10.56	3.07	6.82	12.34	4.21	7.39	11.74	3.27	7.27	13.76	4.55	7.91	12.33	3.37	7.43	14.46	4.73	8.11

Note: Refer to fixing data sheet for fixing information.

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