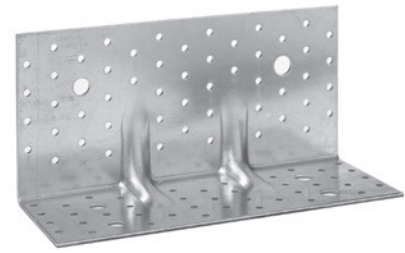


ABR255 Hold Down Bracket

The ABR255 is a hold down bracket designed for fixing CLT panels to concrete / timber floors and parapet walls. Very versatile, it is particularly resistant to shear loads thanks to its optimized geometry.

Material: Pre-galvanised mild steel.

- One-piece connector.
- 255mm wide with 120 and 100mm length legs.
- Reinforcing ribs provide enhanced performance.
- High performance for horizontal (F_2 / F_3) and vertical (F_1) loads directions.



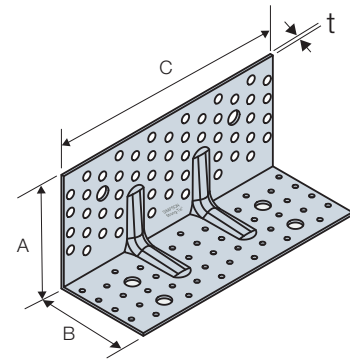
ABR255

Product Dimensions: ABR255

Model No.	Dimensions [mm]				Qty Holes Flange A		Qty Holes Flange B	
	A	B	C	t	Ø5	Ø14	Ø5	Ø14
ABR255	120	100	255	3	52	2	41	4

Product Capacities: ABR255

Model No.	Installation	Brackets	Fasteners			Character Capacities [kN]	
			Flange A		Flange B	$R_{1,k}$	$R_{2,k} = R_{3,k}$
			Qty	Qty	Anchor	CNA4.0x50	CNA4.0x50
ABR255	CLT Wall to Concrete Floor	1	52	2	M12	20.0	28.3
	CLT Wall to CLT Floor	1	52	41	-	18.8	45.9
	CLT Wall to CLT Floor	1	30	23	-	15.9	38.0



- The anchor capacities must be checked separately by multiplying the F1 load by a factor 1.1 and F2 load by a factor of 1.

