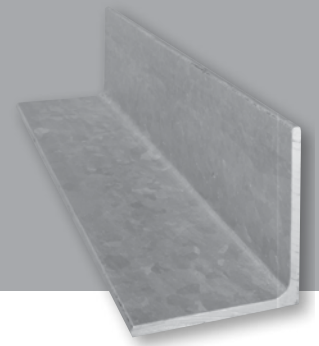


GALINTEL® TRADITIONAL ANGLES



Quick selection guide

Use the Quick Selection Table to find an appropriate profile and length for the required span and Construction Category (see page 4). Include end bearing lengths of 100mm on both ends of bar (for openings up to 1000mm) or 150mm (for openings greater than 1000mm). Use the Safe Load Tables to determine which product will safely carry the load.

Quick Selection Table

		CLEAR SPAN LENGTH (mm)							
		900	1200	1500	1800	2100	2400	2700	3000
TRADITIONAL ANGLE 100 x 75 x 10 13 kg/m	Category A								
	Category B								
	Category C								
	Category D								
	Category E								
TRADITIONAL ANGLE 150 x 90 x 10 18 kg/m	Category A								
	Category B								
	Category C								
	Category D								
	Category E								
TRADITIONAL ANGLE 150 x 100 x 10 19 kg/m	Category A								
	Category B								
	Category C								
	Category D								
	Category E								

Galintel® Traditional Angles – safe load tables

Note a minimum of three courses of bricks must be laid above the lintel.

Loads limited by deflection of 1/600 span

TRADITIONAL ANGLE 100 x 75 x 10 13 kg/m	Span (mm)	900	1200	1500	1800	2100	2400	2700	
	Bar Length (mm)	1200	1500	1800	2100	2400	2700	3000	
	Total Load (kg)	1345	1005	805	670	575	500	415	
	UDL (kg/m)	1494	840	538	373	274	210	154	
	Point Load (kg)	670	500	400	335	285	250	220	
TRADITIONAL ANGLE 150 x 90 x 10 18 kg/m	Span (mm)	1500	1800	2100	2400	2700	3000	3300	3600
	Bar Length (mm)	1800	2100	2400	2700	3000	3300	3600	4000
	Total Load (kg)	3995	3090	2270	1735	1370	1110	915	770
	UDL (kg/m)	2664	1717	1081	724	508	370	278	214
	Point Load (kg)	1995	1665	1275	975	770	625	515	430
TRADITIONAL ANGLE 150 x 100 x 10 19 kg/m	Span (mm)	1800	2100	2400	2700	3000	3300	3600	
	Bar Length (mm)	2100	2400	2700	3000	3300	3600	4000	
	Total Load (kg)	3205	2355	1800	1425	1150	950	800	
	UDL (kg/m)	1781	1121	751	527	384	289	222	
	Point Load (kg)	1690	1325	1010	800	645	535	450	

Notes on safe load tables for Traditional Angles

Loads given are total (allowable) loads including lintel and brickwork.

These load tables assume that bricks

and props fully restrain the lintel against twisting and local buckling of compression leg. Non-composite action was used in the calculations.

UDL for each Construction Category was based on 8m of supported span

of floor or roof (of which 4m is taken by the section being considered). Six courses of bricks were considered for each category. UDLs for each Loading Category in kg/m were: A – 124, B – 374, C – 391, D – 605, E – 2202, F – 1020.