



**UNEQUAL ANGLE | SANS 50025 / EN 10025 Grade S355JR**

Steel angles are formed by bending a piece of steel into an angle so that it forms an “L”-shape, with a 90° angle. The legs of an unequal angle’s “L” are unequal in size. Angles are typically made from roll-formed mild steel.

**Production application**

Angles are typically used in framing and as reinforcing as they assist support structures that require additional strength to handle the weight placed on them. The larger the steel angle, the more weight it can bear. Angles are also used for brackets and in various structures such as lightweight purlins.

**Mass per metre (kg/m)**

Dimensions	6mm	8mm	10mm	12mm	15mm
65 x 50	5.16	6.75			
75 x 50	5.65	7.39			
80 x 60	6.37	8.34			
90 x 65	7.07	9.29	11.4		
100 x 65	8.044	9.94	12.3		
100 x 75		10.572	13.37	15.439	
125 x 75		12.16	15.017	17.812	
150 x 75			16.979	20.167	24.829
150 x 90			18.176	21.599	26.615