

Grade S275JR



Malthouse Engineering Co. Ltd

Grade	Size range (MM)	NOTES	Carbon Content	Strength at t=16mm (MPa)		Longitudinal Charpy V-notch		Mechanical Properties			Chemical Composition				
				Min Yield	Tensile (Rm)	Temp	Energy (J)	Plate Thickness (mm)	Minimum yield strength	Yield strength Re	Carbon Max	Manganese	Silicon	Phosphorus	Sulphur
				(ReH)			T=16mm		ReH MPa	(min)					
										N/mm ²					
BS EN 10025 - S275JR (43A)	3-460	Fully certified plate - mechanical and chemical analysis	0.21% max up to ≤16mm	275	410/560	20	27	≤16	275	245	0.25	-/1.60	-/0.50	0.050	0.050
								>16-40	265	240					
								>40-63	255	230					
								>63-100	245	220					

Source: British Standards Institute.

For more information visit www.MalthouseEngineering.com or for a quote on Steel Profiling, Lumsden Grinding or Fabrication call 0121 557 8455