

ALUMINIUM SHEET & PLATE

GRADE	FINISH	THICKNESS RANGE	YS TYPICAL	TS TYPICAL	SPECIFICATION	USE APPLICATIONS
5052	H32 / H34	1.2mm to 6mm	> 160 MPa	215 to 285 MPa	AlMg 4.5Mn	Aluminium alloy 5052 in H32 temper has very good corrosion resistance to seawater and marine and industrial atmosphere. It also has very good weldability and good cold formability. Where excellent workability is desirable 5052 should be chosen over 5083 alloy.
5083	H321 / H112	8mm to 16mm	> 215 MPa	300 to 380 MPa	AlMg 2.5	Alloy 5083 is the highest strength of any of the 5000 series alloys. Alloy 5083 is best known as a plate for ship building.
5052 TREAD PLATE	H114 / H32	1.6mm to 8mm	> 130 MPa	210 to 260 MPa	AlMg 2.5	Tread plate option available in 5052 alloy, typically used for platforms or walkways.