

5005 Aluminium

NATURAL

NATURAL

CHARACTERISTICS

Tensile Strength (MPa)

115-160 @ H32

Density

2700 kg/m³

DESCRIPTION

Aluminium Alloy 5005 has medium strength, good weldability and good corrosion resistance in marine applications. Commonly used as sheet and plate forms.

CHEMICAL ANALYSIS (%)

	Al	Si	Fe	Mn					
MIN	Remainder	0	0	0.5					
MAX	Remainder	0.3	0.07	1.1					

NOTES

5005 is a cold workable, non heat treatable medium strength alloy. Because Aluminium is a reactive metal, it may corrode more quickly when in electrical contact with most other metals. Bimetallic reaction needs to be a prime consideration in selecting aluminium fixings.

APPLICATIONS

Architectural Application, general sheet metal work, high strength foils.

WARNING: While all care has been taken to provide accurate information here, it should be noted that it is for a guide only and any information must be checked by the manufacturer before being relied upon.

EDCON STEEL

Sydney Metro

Blacktown 15 Carling Road Kings Park
Brookvale 10/9-13 Winbourne Road Brookvale
Revesby 122 Milperra Road Revesby

Rural

Bathurst 51 Sydney Road Raglan
Orange 23 Leewood Drive Orange

1300 233 266
edconsteel.com.au