

## PRODUCT INFORMATION

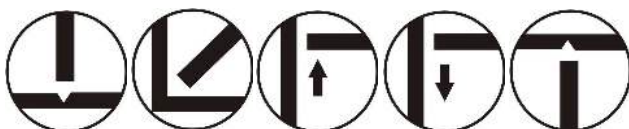
### SIFAlumin No37

EN ISO 178273 S Al 5556A (AlMg5Mn)  
BS 2901 5556

## DESCRIPTION

An aluminium alloy containing 5.3% magnesium for welding aluminium alloys with up to approx 5% magnesium that are not age hardenable and alloys where a higher tensile strength is required.  
All elements are closely controlled for optimum weld strength.

## WELDING POSITIONS



Suitable for all positions.

## TYPICAL WELD METAL COMPOSITION

Si	0.25%
Mn	0.8%
Cr	1.3%
Cu	0.1%
Ti	0.13%
Zn	0.2%
Fe	0.4%
Mg	5.3%
Al	Bal

## TYPICAL MECHANICAL PROPERTIES

Melting Point	620°C
Ult Tensile Strength	300 N/mm²
Hardness	70

## MATERIAL TO BE WELDED

Suitable for use in the marine atmosphere, where good corrosion resistance is required.  
Used for marine castings and fabrication, and also on 5083 (N8).

## AVAILABLE FORMATS

WIRE RODS		
Dia	1kg	2.5kg
1.6mm	RO371601	RO371625
2.4mm	RO372401	RO372425
3.2mm	RO373201	RO373225

Shielding Gas :	Ar/ArHe
Current :	AC

For further information, contact Weldability | Sif technical support on **0870 330 7757** or email [service@weldability-sif.com](mailto:service@weldability-sif.com)



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