

## PRODUCT INFORMATION

### SIFAlumin No28

EN ISO 18273 S Al 5183 (AlMg4.5Mn0.7)  
BS 2901 5183

## DESCRIPTION

A special aluminium alloy containing 5% Magnesium and 0.75% Manganese for improved weld strength and resistance to sea water. Provides excellent feedability and arc control, and the low oxide levels result in superior welds.

## WELDING POSITIONS



Suitable for all positions.

## TYPICAL WELD METAL COMPOSITION

Cu	0.05%
Mn	0.75%
Si	0.25%
Zn	0.25%
Ti	0.15%
Mg	5%
Cr	0.15%
Fe	0.4%
Al	Bal

## TYPICAL MECHANICAL PROPERTIES

Melting Point	620°C
Ult Tensile Strength	275 N/mm <sup>2</sup>
Hardness	60

## MATERIAL TO BE WELDED

Suitable for use in general aluminium fabrication and repairs on boats and ships, bull-bars and roll-bars, storage tanks, welding of aluminium alloys where higher strength is require. SIFAlumin No28 can also be used on forged and cast aluminium-manganese alloys where high tensile strength and/or high resistance to sea water is require.

## AVAILABLE FORMATS

WIRE RODS		
Dia	1kg	2.5kg
1.6mm	RO281601	RO281625
2.4mm	RO282401	RO182425
3.2mm	RO283201	RO283225

Shielding Gas :	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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Doc Ref : SIF/PSI/RO281601