



## PRODUCT INFORMATION

### SIFALBRONZE No 32

EN 14640 Cu 6180 (CuAl10),  
BS: 2901 C.13  
AWS A5.7 ERCu AL-A2

## DESCRIPTION

This is a 90/10 aluminium bronze rod suitable for welding materials of a similar composition. It is used for surfacing and dissimilar metal joints, also TIG brazing on ferrous and dissimilar metals.

## WELDING POSITIONS



Suitable for use in ship-building, offshore power generation, and the repair and maintenance process industry. An excellent alloy for building up or over-lapping for wear-resistance and corrosion-resistance.

## TYPICAL WELD METAL COMPOSITION

Al	10 %
Fe	1 %
Cu	Bal

## TYPICAL MECHANICAL PROPERTIES

Melting Point	1030 °C
Ult Tensile Strength	500 N/mm <sup>2</sup>
Hardness	95

## MATERIAL TO BE WELDED

Can be used on aluminium bronze alloys: CuAl 8Fe3, CuAl 10FeMn2, CuAl 9Mn9, and cast aluminium bronzes G-CuAl8 and G-CuAl10Ni. Can be used to braze some dissimilar metals, including aluminium bronze to steel, and copper to steel.

## AVAILABLE FORMATS

1M ROD (TIG / GTAW)			
Dia	1kg Pkt	2.5kg Ctn	5.0kg Ctn
1.6mm	RO321601	RO321625	RO321650
2.4mm	RO322401	RO322425	RO322450
3.2mm	RO323201	RO323225	RO323250

Current Amps: 40 - 180
Current: DC = +
Shielding Gas = Pure Argon

For further information, contact Weldability | Sif technical support on **0870 330 7757** or email **service@wholeweld.co.uk**

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