

PRODUCT INFORMATION

SIFMIG ZERO SG2 Free from Copper Coating

EN ISO 14341-A: 2008 G3Si1
AWS A5.18: ER70S-6

DESCRIPTION

Double-deoxidised mild steel MIG wire, free from copper coating for use in general construction, automotive components, pressure vessel fabrication and shipbuilding. Manufactured with a high-quality uncoated finish for improved feeding and conductivity, the absence of copper on the wire surface of SIFMIG ZERO SG2 results in a cleaner deposit and avoids the metallurgical risks of increased copper in the weld pool.

The arc-stability characteristics, low fume emission, low visible fume and improved feedability of the SIFMIG ZERO SG2 make it ideal for robotic or automated processes, where welding steadiness and uniformity are essential in order to avoid welding defects and very expensive cycle interruptions.

WELDING POSITIONS



For use in general fabrication, construction, ship building, tanks and boilers, autobody applications, robotic and automated processes.

TYPICAL WELD METAL COMPOSITION

C	0.1 %
Si	0.9 %
Mn	1.5 %

TYPICAL MECHANICAL PROPERTIES

Melting Point	1450°C
Ult Tensile Strength	530-580 N/mm ²
Impact Value	90J @ -20°C
Elongation	26%

MATERIAL TO BE WELDED

Can be used on a wide variety of mild steels, structural steel, fine-grain steel, pipe steel, boiler steel and cast steel. Popular in the construction sector, car manufacturing and general fabrication industries.

AVAILABLE FORMATS

SPOOLED WIRE (MIG / GMAW)			
Dia		18kg	250kg
1.0mm		WA201018	WA2010250
1.2mm		WA201218	WA2012250

Current	DC = +
Shielding Gas	CO ₂ , ArCO ₂

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