

## PRODUCT INFORMATION

### SIFCORED E71T-1

AWS : E71T-1  
EN 758 : T 48 2 P C 1 H10

### DESCRIPTION

A rutile flux-cored wire for MIG/MAG (GMAW) welding of thin sheet steels or unalloyed / low alloyed structural steels in all positions, with CO<sub>2</sub> or Argon/CO<sub>2</sub> shielding gases. SIFCORED E71T-1 delivers good mechanical properties, impact toughness properties down to low temperatures, low spatter and excellent weldability.

### WELDING POSITIONS



Suitable for use in all positions, in single- and multi-pass applications under spray-transfer. Produces a smooth, even bead with good slag detachability.

### TYPICAL WELD METAL COMPOSITION

C	0.05 %
Si	0.48 %
Mn	1.22 %
P	0.013%
S	0.009%

### TYPICAL MECHANICAL PROPERTIES

Ult Tensile Strength	570 N/mm <sup>2</sup>
Yield Strength	510 N/mm <sup>2</sup>
Impact Values ISO-V	110 J @ -20°C
Elongation	30 %

### MATERIAL TO BE WELDED

Commonly used in shipyards, offshore and construction applications, for welding mild steel tube, pipe, strip, forgings and a range of pressure-vessel steels, typically as an improvement in productivity, moving from low-hydrogen MMA electrode welding. Can be used in applications on prime-coated plate. Can also be used in vertical-down welding of non-critical sheet fabrication.

### AVAILABLE FORMATS

SPOOLED WIRE (MIG / MAG / GMAW)			
Dia			15kg
1.0mm			WO711015
1.2mm			WO711215
1.6mm			WO711615

Shielding Gas :	CO <sub>2</sub> / ArCO <sub>2</sub>
Current :	DC =+

For further information, contact Weldability | Sif technical support on **0870 330 7757** or email [service@wholeweld.co.uk](mailto:service@wholeweld.co.uk)



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