

## PRODUCT INFORMATION

**SIFCORED E71T-1**

AWS: E71T-1

## 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 | 0.6 %  |
| Mn | 1.3 %  |

## TYPICAL MECHANICAL PROPERTIES

|                      |                       |
|----------------------|-----------------------|
| Melting Point        | 1450 °C               |
| Ult Tensile Strength | 520 N/mm <sup>2</sup> |
| Hardness BHN         | 120                   |

## 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. 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 |

|                 |                                     |
|-----------------|-------------------------------------|
| 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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