

SPECIAL ALUMINIUM BRONZE ELECTRODE

Alloy Basis

Cu, Al

Characteristics :

SME B15 electrode offers a stable arc and excellent welding characteristics producing a smooth weld bead. The weld metal demonstrates high strength, good ductility and exceptional resistance to marine corrosion.

Typical Applications

These electrodes are commonly used for joining and surfacing aluminum bronze. Typical applications include shipbuilding, apparatus construction, chemical and paper industries etc. They are also suitable for repair welding of similar materials such as laminated or casing components as well as for joining copper alloys to steel and surfacing steel.

Mechanical Properties

Tensile Strength : 45 Kg/mm²

Welding Current : AC, DCEP

Size (Ø mm)	2.50	3.15	4.00
Current (amps)	50 - 80	80 - 110	110 - 150

Availability:

Standard Size: 4.0, 3.15, 2.5 in 350 mm length

Packing: 2 kg.

Note to Usage.

Clean the area to be welded. Deposit thin stringer beads using the shortest possible arc at the minimum amperage. For heavier work pieces, preheat to a temperature range of 350°C to 400°C.

