



MAC BRONZE E810

■ **Description & Applications:**

An electrode designed for joining and overlaying aluminium bronze and for corrosion and wear resistant deposits on steel and cast irons. The weld metal deposits will produce good friction and corrosion resistance. Ideal for bearing surfaces, shafts, guides, slides, gear teeth and any wear application involving metal to metal friction.

■ **Related Specification:**

AWS E Cu Al-A2

■ **Typical All Weld Metal Chemical Analysis %:**

Mn	Fe	Cu	Al
0.50 to 1.80	0.99 MAX	BAL	7.50 TO 9.50

■ **Typical All Weld Metal Mechanical Properties:**

As Welded

0.2% Proof Stress	480 N/mm ²
Elongation	20 %
Hardness	160HB

■ **Current:**

DC (+).

■ **Sizes Available and Recommended Amperages:**

2.50mm	3.25mm	4.00mm
60-80	80-120	130-180

■ **Storage:**

If allowed to become damp the electrodes should be re-dried for one hour at 200°C before use.