

# BRONZOID 1

## Excellent welding of copper alloys

Bronzoid 1 is an electrode that provides an alloy suitable for welding brass, bronze, deoxidized copper, cast iron, steels and dissimilar metals.

It has easy slag detachability and produces homogeneous and sound weld metal free from porosity and cracks. Excellent colour match on bronze.

**ALLOY BASE:** Cu, Sn, P

## SPECIAL FEATURES

- Smooth and stable arc with almost no spatter loss.
- The deposit can be machined to a smooth finish with low coefficient of friction.
- Resistance to marine and steam corrosion.

## APPLICATIONS

Welding and surfacing of copper brass and bronze, cracked engine jackets, cylinder heads, electrical fittings, propeller blades, pump parts, bearing bushing, shaft, castings, stampings and valves. Filling cavities in copper alloy castings, joining copper and bronze to cast iron overlays and steel.

## PROPERTIES

UTS : 28-36 kg/mm<sup>2</sup>

Elongation : 18-26%

## CURRENT RANGE : ( DC+)

Size (mm)	Length (mm)	Current Range (Amp)
3.15	450	60-120
4.00	450	90-170
5.00	450	125-230