

IABCO C28

MIG/GMAW and TIG/GTAW copper base wire

Product name	IABCO C28
Classification EN ISO	24373: Cu6100 (CuAl7)
Classification AWS	A5.7: ERCuAl-A1
Classification BS	2901 pt 3: C28 (obsolete specification)
Applications	Copper based aluminium bronze wire containing nominally 8% aluminium. Predominantly used for surfacing applications rather than joining Exhibits good wear resistance under light loads and good corrosion resistance against a range of corrosive media.
Base materials	Aluminium bronzes, eg: Predominantly used for surfacing of aluminium bronzes and CMn steel.
Typical analysis of wire, weight %	Cu: Balance Al: 8.0
Typical heat treatment ⁽¹⁾	Preheat: For aluminium bronzes not required. Interpass temperature: For aluminium bronzes 200°C maximum.
Typical mechanical properties of weld ⁽²⁾	0.2% proof stress Rp0.2%: 250MPa Tensile strength Rm: 430MPa Elongation 5d: 40%
Other products	-

- Notes** (1) Application codes and project specifications should always be referred to for specific requirements.
(2) Actual mechanical properties will be dependent on specific welding procedure (including shielding gas, flux, PWHT etc) and should always be confirmed by approval of an appropriate welding procedure.