



Turbine Blades

## A silver brazing alloy having excellent fluidity for close joints.

### Typical Applications:

Instruments, high-speed tools, dies, carbide tipping, thin tubing, wire mesh, electrical contacts.

### Outstanding Features:

- High degree of wettability.
- Excellent capillary action.
- Low melting.
- Very high strength joints.
- Extremely thin flowing.
- Ideal for dissimilar combinations of steel & copper.

### Recommendation:

An extremely versatile low melting alloy with excellent wettability for thin flowing applications on copper, nickel, carbon and alloy steel, carbides and stainless steel. Ideal for lap, 'T' flange and square butt joints of dissimilar metals. Excellent for delicate parts, light gauge metals and heat treated parts. Use with furnace induction equipment or oxy-acetylene torch.

### Procedure:

Clean joint area. Paint EWACFLUX E2 on the rod and on the joint. Heat broadly, using an excess acetylene flame, until flux liquefies. Flow alloy completely through the joint. Cool slowly and remove flux residues.

### Size (mm):

ROD	Shim
1.6	25 x 0.075
3.2	25 x 0.075

**Bonding Temperature:** 600°C

**Tensile Strength:** 65 Kg/mm<sup>2</sup>  
(92,000 psi)