

## DIFFUSALOY ALBRO

A specially coated 'Low Temp' electrode with an excellent weldability for depositing dense and porosity free welds on steel, cast iron, aluminium bronze and other bronzes. Both for joining and overlaying. Deposits are shiny and matches to gold colour. This electrode is mainly for resistance to impingement attack and cavitation corrosion, excellent wear and abrasion resistant properties.

### Applications:

For super conditioning of pump impellers, valves, wear rings, gear teeth casings, sleeves, packing glands and for dissimilar metal joining applications. Deposits offer very good resistance to cavitation, and can be machined to smooth finish.

### Procedure:

Grind / degrease the surface. Preheat heavy sections to 150 – 300 deg. C. use short arc and minimum amperage for good results. Back fill craters and chip slag between passes.

<b><u>Technical Data</u></b>	:	<b>DIFFUSALOY ALBRO</b>	
Size (mm)	:	3.15	4.00
Recommended Welding Current (Amps)	:	80 – 100	100 – 120
Tensile Strength	:	35 kgf / mm <sup>2</sup>	
Hardness (As deposited)	:	74 – 80 HRB	
(Work Hardened)	:	90 – 95 HRB	

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