

## HEAVY ABRASION RESISTANCE HARDFACING ELECTRODES

**EURO HARD-700**

### CHARACTERISTICS :

**EURO HARD-700** is a rutile based, medium coated electrode with pleasing operating characteristics like smooth and stable arc, easy arc striking and re-striking properties, maneuverability in welding positions. The electrode deposits a non-machinable weld metal with 6% Chromium which is highly resistance to severe abrasion and moderate impact.

### ADVANTAGES :

- Uniform metal transfer with fine rippled bead.
- Easy to control weld pool and slag in position welding.
- Suitable for either polarity in DC(±)and in AC
- Smooth and stable arc
- Suitable for position welding.

### APPLICATIONS :

**Euro Hard-700** is suitable for surfacing of hard layers on mild steel sections where resistance to server abrasion and moderate impact are necessary. The parts that can be hard surfaced include mild steels parts, carbon steel parts, low alloy parts, oil expeller worms, plough shares, dredger buckets, excavator teeth, conveyor buckets, excavator equipment and parts etc.,

### CURRENT CONDITIONS AND PACKING DETAILS :

SIZE mm		3.15 X 450	4.00 X 450	5.00 X 450
CURRENT- Amps	AC 70 /DC(±)	100-130	140-170	180-210

### TYPICAL CHEMICAL COMPOSITION OF WELD METAL

Element	%C	%Mn	%Si	%Cr
percent	0.50	0.30	0.45	6.50

**TYPICAL HARDNESS VALUES : 650 VPN on III layer on mild steel.**

### PRECAUTIONS :

- Use short arc or use touch welding technique.
- Use proper current