

# ROYAL – 7745

(Surfacing electrode with exceptional & abrasive resistance.)

- **APPLICATION :-** For surfacing a hopper and protection plates in quarries, ore crushers, ore breaker teeth, sinter plant disintegrators, blast furnace bills and hoppers
- **PROPERTISE :-** Hard surfacing electrodes with excellent abrasion resistance at high temp and exceptional metal recovery
- **PROCEDURE :-** Use a medium / long arc, to prevent excessive dilution with parent metal. Use low amperage. The recommended hardness is obtained in the second or third layer.

- **WELDING CURRENT : AC / DC (+)**

SIZE (MM)	3.15	4.00	5.00
Current Range (Amps.)	120 – 155	140 – 200	160 – 210

- **Mechanical PROPERTIES OF WELD METAL :-**

Hardness	500 to 700 HV at 500oC (As Welded on 2 OR 3 layers.)
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- **PACKING SPECIFICATION :-**

SIZE (mm)	KG PER PACKET	KG PER BOX
2.50 X 350	2 Kg	10 Kg
3.15 X 350	2 Kg	10 Kg
4.00 X 350	2 Kg	10 Kg
5.00 X 350	2 kg	10 Kg

Manufactured in India By :  
**ROYAL ARC ELECTRODES LIMITED.**  
ISO : 9001 – 2008 Certified Company