



WELTRODE[®]
The Welding Technology

Weltrode WC 7250 AC-DC

Premium High Recovery electrode for severe abrasive wear and moderate impact

Why Do Welders Choose Weltrode WC 7250 AC / DC

Weltrode WC 7250 is an all position AC/DC coated electrode, designed to protect most iron base surfaces against Severe abrasion and Moderate impact .Weltrode WC 7250 gives a high alloy complex chromium carbide deposit to produce very high hardness, resistance to extreme abrasion and thermal stability up to 600°C, coupled with reasonable corrosion resistance.

Special Features

- ✦ The deposition of Weltrode WC 7250 shows extremely high abrasion and impact Resistance
- ✦ The deposit is not machinable but can be ground if necessary.
- ✦ Excellent Performance on both AC and DC Machines
- ✦ All position welding possible
- ✦ Extreme Crack Resistance

Typical Properties

Hardness	65-68 HRC
Wear Coefficient	2% with Silcon Dioxide As Abrasive



Application

Typical application Include Mill Guides , Rebound Crushers , Mixer Arms , Rolling Crushers , Conveyor Buckets , Grader Blades , Excavating Teeth , and many more Operating in Sand , Clay, Cement and Coal

Used for surfacing slag crushers, ore processors, furnace guides, rollers and moulds, in the steel , ceramic , cement, pottery and glass industries.

An exceptionally good electrode for welding on Steels , Manganese Steels and Cast Iron.

Recommended Amperage Settings :

Diameter (mm)	1/8 (3.25)	5/32 (4.0)	3/16 (5.0)
Minimum Amperage	80	110	150
Maximum Amperage	120	150	200

Welding Techniques

Clean weld area. Stringer Beads or Weaves can be used with Short arc lengths .Full Hardness can be achieved with Maximum 3 Layers . Minimal Slag is produced and can be overwelded without prior removal .