

EutecTrode 7008

Tubular Hardfacing Electrode Combats Severe Abrasion and light Impact

DESCRIPTION

EutecTrode EC 7008 is a high-performance tubular electrode developed to resist severe abrasion and light impact. It is specially designed for high deposition rates and maximum metal recovery, making it ideal for repair and protection of components exposed to wear.

Product Details

- High metal recovery with very good deposition efficiency
- Excellent resistance to abrasion and mild impact
- Can be used up to 250°C operating temperature
- Uniform distribution of hard chromium carbides in a tough materialistic matrix
- Achieves full performance in just one layer
- Designed for high force applications at low temperatures
- Tubular construction for higher current density

APPLICATIONS

- Coal burner nozzles and tips
- Crusher hammers and housings
- Scraper blades
- Bucket teeth and lips
- ID fan blades
- Grizzly bars

PROCEDURE FOR USE:

Surface Preparation: Clean the base material thoroughly. Remove any worn or fatigued metal.

Preheating: Preheat if required depending on base material.

Welding Technique:

Maintain 40% overlap between weld passes when hardfacing a surface.

Avoid overheating the base metal.

Fine stress relief cracks may appear – this is normal in hardfacing.

Post-Weld Finish: Grind the weld surface for a smoother finish if needed.

TECHNICAL DATA

Typical Hardness :55 – 62 HRC

(after 2 layers)

Carbide Hardness: 1100 - 1200

Hv Carbide Content: Medium

Current Polarity:DC (+/-)

DIAMETER	AMPERAGE
6.3mm	100 – 130
8.0mm	150 – 200

Note: For optimum result use the lowest amperage practical