



## **Zerock E172**

### **Hard Facing Electrode**

◆ **Description:**

Has self hardening welding electrode and excellent for repair welding worn parts surface of low carbon, medium carbon and low alloy steel. Good for severe impact, crack resistance and shock load material with deep penetration weld deposit.

◆ **Applications:**

Surfacing of worn parts of gear wheel, mining machinery, hammer mill, mill roller, crusher jaws, sugar mill.

◆ **Classification:**

GB EDP CRMO-A3-03

◆ **Typical Chemical Composition of Deposited Metal (%):**

| <u>C</u> | <u>Cr</u> | <u>Mo</u> |
|----------|-----------|-----------|
| 0.35     | 1.83      | 0.30      |

◆ **Mechanical Properties of Deposited Metal:**

|             |          |
|-------------|----------|
| Temperature | 650 °C   |
| Hardness    | 43 HRC   |
| Layers      | 4 layers |

◆ **Type of Current:**

AC or DC

◆ **Amperages Setting:**

|       |           |
|-------|-----------|
| 3.2mm | 100 - 130 |
| 4.0mm | 130 - 160 |