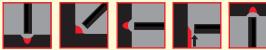
## **PRODUCT DATA SHEET**

## Afrox Ferroloid 2











Afrox Ferroloid 2 is an all-position, basic coated electrode for the strength welding of cast iron and for joining mild steel to cast iron. The electrode uses a mild steel core wire and deposits a steel weld metal, which tends to rust. A good colour match between the weld and casting should not be expected.

## **Applications**

Afrox Ferroloid 2 is used mainly for the repair of grey, i.e. failed iron castings and defective components with and without the application of a preheat. In both cases, the weld metal and heat affected zone are unmachinable after welding and finishing can only be achieved by grinding.

| Classifications |       |     |  |  |
|-----------------|-------|-----|--|--|
| AWS             | A5.15 | ESt |  |  |
| EN              | 1071  | ESt |  |  |

| Typical Chemical Analysis (All weld metal) |          |               |          |  |  |
|--|----------|---------------|----------|--|--|
| % Carbon                                   | 0,15 max | % Sulphur     | 0,03 max |  |  |
| % Manganese                                | 0,30 max | % Iron        | Bal.     |  |  |
| % Silicon                                  | 0,03 max | % Phosphorous | 0,03 max |  |  |

| Packing Data (DC+ AC 70 OCV min) |                       |             |                   |             |  |  |
|----------------------------------|-----------------------|-------------|-------------------|-------------|--|--|
| Diameter (mm)                    | Electrode Length (mm) | Current (A) | Pack Mass<br>(kg) | Item Number |  |  |
| 3,15                             | 350                   | 70 - 105    | 5,0               | W075813     |  |  |
| 4,0                              | 350                   | 90 - 120    | 5,0               | W075814     |  |  |

The information contained or otherwise referenced herein is presented only as typical without guarantee or warranty, and Afrox expressly disclaims any liability incurred from any reliance therein. No data is to be construed as recommended for any welding condition or technique not controlled by Afrox.

