

- ▲ Rutile Type High Iron Powder Electrode.
- ▲ High Productivity Fillet and Butt Welding in All Downhand Positions.
- ▲ Self Releasing Slag.

### Classifications:

AS/NZS 1553.1: E4824-0.

AWS/ASME-SFA A5.1: E7024.

### Description and Applications:

Ferrocraft 22 is a rutile type high iron powder electrode for the higher productivity fillet and butt welding of mild steel in all downhand ( flat and horizontal-vertical ) positions.

Slag lift and "side wall" wash at weld toes are superb and welding speeds are approximately double those of conventional electrodes of equal size and length.

Ferrocraft 22 is recommended for high production welding where large standing fillet welds are required. It is the ideal electrode for heavy structural welding applications such as tanks, frames, girders and beams, ship structures and rolling stock and general fabrication in the workshop or on-site.

### APPROVALS:

Lloyd's Register of Shipping	Grade 2Y.
American Bureau of Shipping	Grade 2.
Det Norske Veritas	Grade 2.
American Bureau of Shipping	AWS A5.1 E7024.

### TYPICAL ALL WELD METAL MECHANICAL PROPERTIES:

Yield Stress	440 MPa
Tensile Strength	512 MPa
Elongation	25%
CVN Impact Values	60J av @ 0°C.

### TYPICAL ALL WELD METAL ANALYSIS:

C: 0.05%	Mn: 0.75%	Si: 0.25%
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### Packaging and Operating Data:

AC (minimum 45 O.C.V.), DC+ or DC- polarity.

Electrode		Approx No. Rods/kg	Current Range (amps)	Packet	Carton	Part No
Size mm	Length mm					
2.5	350	34	85-120	5kg	15kg - 3 x 5kg	611252
3.2	380	18	130-170	5kg	15kg - 3 x 5kg	611253
4.0	450	11	185-235	5kg	15kg - 3 x 5kg	611254
5.0	450	7	260-320	5kg	15kg - 3 x 5kg	611255

# - Ferrocraft 22 is formulated to operate with AC (min 45 O.C.V.), DC+ or DC- polarity. The preferred polarity for DC fillet welding is DC+.