

# PRODUCT DATA SHEET

## Afrox 600

Afrox 600 is a basic coated AC/DC electrode depositing a martensitic weld metal having a hardness of approximately 470-700 HV (47-60 HRc). The weld metal has good resistance to fine mineral abrasion with moderate resistance to impact.

### Applications

Afrox 600 has been designed for application involving metal to mineral conditions such as those experienced by earth moving equipment working in sandy conditions. Typical uses are grader blades, earth scoops, bucket lips, grousers, conveyor screws, blast hole augers, etc.

### Classifications

DIN	8555	E4-UM-55-G
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### Typical Chemical Analysis (All weld metal)

% Carbon	0,45 - 0,6	% Chromium	5,0 - 8,0
% Manganese	0,3 - 1,1	% Molybdenum	0,3 - 0,6
% Silicon	0,4 - 1,3		

### Typical Hardness

HRc	47 - 60
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### Packing Data

(AC DC+ 70 OCV min)

Diameter (mm)	Electrode Length (mm)	Current (A)	Pack Mass (kg)	Item Number
3,15	350	110 - 145	4,0	W075613
4,0	450	140 - 180	6,0	W075614
5,0	450	180 - 240	6,0	W075615

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