

GENERAL DESCRIPTION

Elite 701 Blue flux coated electrodes are a general-purpose electrode and have excellent welding properties in all positions, including vertical down. Suitable for joint and repair welding on mild steel in all applications of the metal-working industry. Having a stronger arc force and better penetration this results in higher strength joints, no cracking, defects or joint failures. The electrode is characterised by good bridge ability with easy ignition & re-ignition and low spatter, easy slag removal even on slightly rusty, primed, galvanised base materials and wrought iron.

- Specially coated for low spatter
- All-positional electrode
- Better fluidity control and out of position welding
- Suitable for joint welding and repair welding with mild steel in all applications
- Easy striking / re-striking
- Easy slag removal

WELDING POSITIONS



CLASSIFICATION

AS/NZS 4855B-E4313 A
ISO 2560-A-E38 0 R 12
AWS A5.1:E 6013

CHEMICAL COMPOSITION

Wt% - wire	Si	C	Mn	P	S	Fe
	0.41	0.07	0.48	0.016	0.05	Bal

TYPICAL MECHANICAL PROPERTIES

Typical as welded	
Yield Strength	380
Tensile strength	470-540
Elongation A5(%)	24%
Impact Energy @00C	60J

DEPOSITION DATA – AC / DC (±)

	2.5mm	3.2mm	4.0mm
Current (A)	60-85A	100-130A	140-180A
Voltage (V)	Determined by arc current and electrode arc length.		

Welding parameters are a guide only as they are dependent on the machine used, material thickness and operator experience.
No data is to be construed as a recommendation for any welding condition or technique by Euromarc.

CONFORMANCE AND APPROVAL

CE
LR
TUV
DB

REBAKING

Rebaking is not necessary if the package is intact. Rebake :350C, 2 h

STORAGE

Store open packets in a heated cabinet.

WARNING

Electric shock can kill. Arc rays can injure eyes. Welding fumes are hazardous to your health and may damage lungs and other organs. Use adequate ventilation. Arc rays and sparks can injure eyes and burn skin. Wear correct hand, head, eye and body protection.

Read and understand the Safety Data Sheet for this product.

PACKAGING INFORMATION

Size	Weight	Length	Vacuumed Packed	Part Number / Order code
2.5mm	2kg	350mm	Yes	VE70125302
3.2mm	5kg	350mm	Yes	VE70132305
4.0mm	5kg	350mm	Yes	VE70140305

