

CORODUR[®] E 63

CLASSIFICATION:

DIN EN 14700

E Fe15

GENERAL CHARACTERISTICS:

Thickly coated high efficiency electrode with 170 % recovery. Highly resistant to abrasion and corrosion. CORODUR E 63 is mainly used for applications which are subjected to strong abrasive wear combined with humidity or wetness. Soft, intense fusion. The weld metal is nearly free of slag. A buffer layer of CORODUR E 200 K is recommended prior to surfacing on old claddings.

APPLICATION:

Mainly used for hardfacing on pump bodies, mixer blades, agitator arms, concrete pumps, conveyer worms, and coke-oven slides.

TYPICAL ALL WELD METAL ANALYSIS (%):

C	Si	Cr	Orthers
5,0	1,	34,0	2,0

TYPICAL ALL WELD METAL MECHANICAL PROPERTIES:

Hardness: 63 HRc

CURRENT:

= + / ~ 50 V

WELDING POSITIONS:

PA, PB

REBAKING:

1 h, 130 °C + / - 10 °C (if required)