

# CORODUR® E 65

Thickly coated AC-weldable high efficiency electrode with approx. 240 % recovery for hardfacing of parts subjected to strong abrasion, friction at high temperatures. The weld metal structure is ledeburitic, the alloy contains carbide forming elements of different kinds.

CORODUR® E 65 provides extremely high resistance to abrasion also at temperatures up to 800°C. Smooth arc, very few slag. Prior to surfacing on old hardfacing layers a buffer layer with CORODUR® E 200 K is recommended.



CORODUR E 65 is mainly used for hardfacing on conveyor worms, clinker crushers, blast furnace bells, grates in mineral dressing equipment, especially where live coal and slag are treated.

TYPICAL ALL WELD METAL ANALYSIS (%)						Base = Fe
C	Si	Cr	Mo	Nb	W	V
4,5	1,2	24,0	6,0	6,0	2,0	1,0
HARDNESS HRc		CURRENT		POSITIONS		REBAKING if required
63 - 65		+ / ~ 50 V		PA, PB		1h at 150°C

ELECTRODES

DIAMETER AND FORMS OF DELIVERY ON REQUEST