

DIN EN 14700

E Fe 15-65-G

CORODUR® E 61

Thickly coated AC- weldable high efficiency electrode with approx. 240 % recovery. The weld metal is of ledeburitic structure with an alloy containing carbide forming elements of different kinds. CORODUR® E 61 is used for hardfacing of parts subject to strong abrasive

wear, friction, heat and corrosion. Easy to weld electrode, soft fusion. The weld metal is almost free of slag. A buffer layer of CORODUR® E 200 K is recommended prior to surfacing on old hardfacing layers.



Hardfacing on tools used in coal and ore mining as well as in the cement industry.

TYPICAL ALL WELD METAL ANALYSIS (%)

Base = Fe

C	Si	Cr	Nb	Others
5,2	2,2	2,0	7,0	3,5

HARDNESS HRC	CURRENT	POSITIONS	REBAKING if required
60-68	+ / ~ 50 V	PA, PB	1h at 150°C

ELECTRODES

DIAMETER AND FORMS OF DELIVERY ON REQUEST