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E Fe 16-65-GZ

## 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.

**DIN EN 14700** 



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								
С	Si	Cr	Mo	Nb	W	V		
4,5	1,2	24,0	6,0	6,0	2,0	1,0		
HARDNESS HRc		CURRENT		POSITIONS			BAKING required	
63 - 65		+ / ~ 50 V		PA, PB		lh a	at 150°C	

DIAMETER AND FORMS OF DELIVERY ON REQUEST

Corodur Fülldraht GmbH may change the characteristics of the wire without notice. Statements on composition and application are just for the applier's information. Statements on mechanical properties always refer to the all-weld-metal according to valid standards. We recommend the applier to check our products for their special application autonomously.