

CORODUR® E 42

CORODUR® E 42 is stick electrode for hardfacing applications, resistant to wear and corrosion with a recovery of 160%. The deposit is high Cr- Ni- Mo - alloyed and is used in places, where one can expect corrosive as well as ab-

rasive wear. CORODUR® E 42 can therefore be seen as a stellite substitute. The hardfacing of welding material is possible without cracking. The alloy can be additionally worked with metalloid cutting tool.



chemical industry, palm oil screws, conveyer screws, meat industry.

TYPICAL ALL WELD METAL ANALYSIS (%)

Base = Fe

C	Si	Mn	Cr	Ni	Mo
1,8	0,8	0,6	29,0	3,0	1,0

HARDNESS HRc 41 - 44	CURRENT + / ~ 50 V	POSITIONS PA, PB	REBAKING if required 1h at 350°C
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ELECTRODES

DIAMETER AND FORMS OF DELIVERY ON REQUEST