

CORODUR® 42

C-, Cr-, Ni-, Mo-alloyed flux-cored wire electrode for hardfacing on parts that are exposed to abrasive wear in combination with medium

impact stress. The weld deposit is corrosion resistant and machinable. Typical applications are found in the chemical and food industry.



Chemical industry, palm oil screws.

TYPICAL ALL WELD METAL ANALYSIS (%)

Base = Fe

C	Si	Mn	Cr	Ni	Mo
1,9	1,0	1,0	28,0	3,0	0,8

Hardness HRc

41-44

ABRASION RESISTANT APPLICATIONS

PARAMETER

Diameter	Voltage	Amps
1,2	20-25	140-240
1,6	22-26	160-260
2	22-26	240-280
2,4	24-27	280-340
2,8	25-28	320-400

Other Dimensions on demand

FORMS OF DELIVERY

Unit	Weight
Coil BS 300	15 kg
Coil B 450	25 kg
Drums	300 kg

G = Gas shielded, OA = Open Arc, SA = Submerged Arc