

CORODUR® 62

CORODUR® 62 is a High C- Cr- Nb- alloyed flux cored wire. The high content of hard phases (NbC-Carbides and hypereutectic M7C3-carbides) makes the alloy suitable for high abrasive mineral wear. The deposit should be subjected to little impact stress. Best results are achieved

by welding in max. 3 layers with max. 10 mm thickness. Before cladding sensitive base materials and overlaying old previously hardfaced surfaces a ductile buffering layer of CORODUR® 200 K or 250 K is recommended.



Wear plates, pelletizers, Roller-mill tables.

TYPICAL ALL WELD METAL ANALYSIS (%)

Base = Fe

C	Si	Mn	Cr	Nb
5,4	1,2	0,4	29,0	3,0

Hardness HRc

60-63

ABRASION RESISTANT APPLICATIONS

PARAMETER

Diameter	Voltage	Amps
1,2	18-22	140-260
1,6	20-26	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