

# CORODUR® 65

CORODUR® 65 is a highly C- Cr- Mo- Nb- W- V- alloyed flux-cored wire electrode, which forms extremely hard carbides. This is used for hardfacing to extremely strong abrasive mineral wear. The deposit retains its wear resistance up to 800°C. The structure consists of primarily

and eutectic solidifying Cr- carbides plus Nb- Mo- W- V- carbides. The hardness reduction at a temperature of 400°C is approximately 4% and at 700°C approximately 10 %. This wire is recommended for use in sintering plants, augers and blast furnace bells



Parts in hot screening units, grates, sinterbreaker.

## TYPICAL ALL WELD METAL ANALYSIS (%)

Base = Fe

C	Si	Mn	Cr	Mo	Nb	V	W
5,2	1,0	0,4	21,0	7,0	7,0	1,0	2,0

Hardness HRc

**63-65**  
(up to 800°C)

## PARAMETER

Diameter	Voltage	Amps
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