

# CORODUR® 64

CORODUR® 64 is a highly C- Cr- B- W- V- alloyed flux-cored wire electrode that deposits a very hard martensitic micro structure with carbides. The deposit is resistant to strong mineral abrasion also at higher temperatures. This wire

can be used for one layer welding without a big decrease of hardness. The decrease of hardness is approx. 10% at 400 °C and approx. 25% at 600 °C.



Cement, mineral and brick industry, steel industry, refuse-incinerator plants, composting plants, mineral crushing, paddle wheels.

## TYPICAL ALL WELD METAL ANALYSIS (%)

Base = Fe

C	Si	Mn	Cr	V	W	B
4,5	1,0	1,6	24	0,8	0,8	1,0

Hardness HRc

**63-65**  
(up to 600°C)

## PARAMETER

Diameter	Voltage	Amps
1,2	20-24	160-240
1,6	20-26	180-300
2	22-26	220-320
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