

# CORODUR® 61

High C- Cr- Nb- B- alloyed flux-cored wire electrode with special carbides combined with cubic Nb-carbides in extreme hardness. This combination results in high abrasion resistance

to mineral wear. Applications are found in the hardfacing of mining equipment, augers, impellers and dredgers.



Brown coal mining, brick and tile industry, mining industry, sand and gravel excavator, cement and concrete industry, conveyor screw, cement and concrete pumps, mixer paddles, stirring devices, fan blades, excavator scoops, bucket lips, wear plates.

## TYPICAL ALL WELD METAL ANALYSIS (%)

Base = Fe

C	Si	Mn	Cr	Nb
5,2	1,3	0,4	22,0	7,0

Hardness HRc

62-65

ABRASION RESISTANT APPLICATIONS

## PARAMETER

Diameter	Voltage	Amps
1,6	20-28	160-260
2	22-28	200-280
2,4	24-29	260-340
2,8	26-30	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