

# CORODUR® 79

C-Cr-V-Nb-B- alloyed flux cored wire electrode for extreme mineral wear. The weld deposit has a high scratch hardness. Applications are sinter plants, lignite mining machines, gravel industry, chains, etc.

It should be pre-heated and held at a temperature of 450 °C. The cooling rate should be slow and preferably in a furnace. Welded with 2-3 layers (max. 10 mm).



Mining and clinker industry, concrete pumps.

## TYPICAL ALL WELD METAL ANALYSIS (%)

Base = Fe

C	Si	Cr	Nb	V	B
4,8-5,2	0,9-1,2	19,0-22,0	6,5-7,3	2,4-2,7	1,0-1,5

Hardness HRc

64-68

## PARAMETER

## FORMS OF DELIVERY

Diameter	Voltage	Amps	Unit	Weight
1,2	18-24	140-220	Coil B5 300	15 kg
1,6	20-26	160-260	Coil B 450	25 kg
2,0	22-26	240-280	Drums	300 kg
2,4	24-27	280-340		
2,8	25-28	320-400		

OA = Open Arc

