

# CORODUR® 56

CORODUR® 56 is a flux-cored wire electrode, which is highly C- and Cr- alloyed. The high content of hard hypereutectic phases M7C3 makes the alloy suitable for high abrasive wear. The weld deposit has a high corrosion resistance. Best results are achieved by welding in

2-3 layers with max. 10 mm thickness. The deposit should be subjected to little impact stress. 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, ventilators, coke oven carriage, NI-Hard IV.

## TYPICAL ALL WELD METAL ANALYSIS (%)

Base = Fe

C	Si	Mn	Cr
5,4	1,0	0,4	30,0

Hardness HRc	58-62
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ABRASION RESISTANT APPLICATIONS

## PARAMETER

Diameter	Voltage	Amps
1,2	18-24	160-240
1,6	22-26	180-280
2	22-26	220-320
2,4	26-30	260-340
2,8	28-30	320-420

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