CORODUR® 56

CLASSIFICATION:

DIN EN 14700	DIN 8555
T Z Fe14	MF 10-60-G

GENERAL CHARACTERISTICS:

CORODUR 56 is a flux-cored wire electrode, which is highly C- and Cr- alloyed. The high content of hard hypereutectic phases M_7C_3 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.

APPLICATION:

Wear plates, ventilators, coke oven carriage, NI-Hard IV

TYPICAL ALL WELD METAL ANALYSIS (%):

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

TYPICAL ALL WELD METAL MECHANICAL PROPERTIES:

Hardness: 58 - 62 HRc

PARAMETER:

Diameter	Voltage	Amps
1,6	20 - 26	180 - 240
2,0	22 - 26	220 - 260
2,4	26 - 30	260 - 320
2,8	28 - 30	300 - 380

FORMS OF DELIVERY:

Coil "BS 300" = 15 kg	Coil "BS 450" = 25 kg	Drums = 300 kg

OA = gasless, SA = Submerged Arc

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Corodur Fülldraht GmbH may change the characteristics of the wire without notice. Statements on composition and application are just for the applier's information. Statements on mechanical properties always refer to the all-weld-metal according to valid standards. We recommend the applier to check our products for their special application autonomously.