

CORODUR® 59

CLASSIFICATION:

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

GENERAL CHARACTERISTICS:

CORODUR 59 is a highly C- Cr - alloyed flux- cored wire for applications in high mineral wear. It is suitable for hard facing of parts that are exposed to high abrasion in wet areas. The overlaying thickness should not exceed 10mm which means a deposit of 2-3 layers. The deposit should be subjected to little impact stress.

APPLICATION:

Farming, gravel digger, Pumps, mixer paddles, concrete pumps, conveyor screws, impeller screws, track hoppers

TYPICAL ALL WELD METAL ANALYSIS (%):

C	Si	Mn	Cr
5,0	1,2	0,4	33,0

TYPICAL ALL WELD METAL MECHANICAL PROPERTIES:

Hardness: 59 – 61 HRc

PARAMETER:

Diameter	Voltage	Amps
1,6	20 - 26	160 - 260
2,0	22 - 26	240 - 280
2,4	24 - 27	280 - 340
2,8	25 - 28	320 - 400

FORMS OF DELIVERY:

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

OA = gasless, SA = Submerged Arc