CORODUR® 200 K

CLASSIFICATION:

DIN EN 14700 DIN 8555
T Z Fe1 MF 8-200-CKNPZ
Alloy-No. 1.4370

GENERAL CHARACTERISTICS:

The austenitic weld deposit of the high-alloyed flux-cored wire electrode is corrosion resistant, work hardening, anti-magnetic and heat and thermal shock resistant up to 850°C. Depending on the high elongation (40%) the alloy is suitable for ductile buffer layers on old hardfacings, for joining dissimilar and difficult to weld steels and impact loaded parts.

APPLICATION:

Joining of Mn – Steel and difficult to weld steels, buffer layers, impact loaded parts

TYPICAL ALL WELD METAL ANALYSIS (%):

C	Si	Mn	Cr	Ni
0,1	0,4	6,0	19,0	8,5

TYPICAL ALL WELD METAL MECHANICAL PROPERTIES:

Hardness: app. 180 - 200 HB
Work hardened: app. 400 HB

PARAMETER:

Dia.	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, G = gas shielded, SA = Submerged Arc