

CORODUR[®] 35

CLASSIFICATION:

DIN EN 14700 DIN 8555
T Z Fe7 Special alloy

GENERAL CHARACTERISTICS:

Amorphously solidifying weld deposit for hardfacing. Abrasion, erosion and corrosion resistant even in sulphurous atmosphere. The alloy is corrosion resistant to sea water, oxidising acids and bases.

APPLICATION:

Mixer Parts, Wastewater Pumps, Wastewater Screws, hardfacing of sealing surfaces for gas, water and steam fittings for temperatures up to 450 °C (oxidisation resistant up to 850 °C) and for flue-gas desulfurization systems (FGD).

TYPICAL ALL WELD METAL ANALYSIS (%):

C	Si	Mn	Cr	B
0,1	1,3	1,0	29,0	3,0

TYPICAL ALL WELD METAL MECHANICAL PROPERTIES:

Hardness: 38 - 43 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" = 15 kg | Drums = 300 kg

G = gas shielded