

CORODUR[®] 4351

CLASSIFICATION:

DIN EN 14700
T Z Fe 7
AWS-No. 410 NiMo

GENERAL CHARACTERISTICS:

The tough and corrosion resistant overlay is well suited for parts that encounter wear from oxidation. The overlay also protects transporting equipment in high pressure areas such as in steel industries and power stations. CORODUR 4351 is not only corrosion resistant but also capable of resisting pitting, cavitation and corrosion.

APPLICATION:

Bridge bearings, sealing surfaces for service temperatures up to 450°C continuous casting rolls, roller bearings, corrosion, valves, alloying buffer layers

TYPICAL ALL WELD METAL ANALYSIS (%):

C	Si	Mn	Cr	Ni	Mo	N
0,05	0,9	1,1	14,0	5,0	0,75	+

TYPICAL ALL WELD METAL MECHANICAL PROPERTIES:

Hardness: 38 – 43 HRC

PARAMETER:

Diameter	Voltage	Amps
1,2	20 - 24	150 - 200
1,6	22 - 26	180 - 240
2,0	25 - 27	220 - 260
2,4	25 - 27	260 - 300
2,8	26 - 28	280 - 340

FORMS OF DELIVERY:

Coil "BS 300" = 15 kg

Coil "BS 450" = 25 kg

Drums = 300 kg

OA = gasless, G = gas shielded, SA = Submerged Arc