CORODUR FÜLLDRAHT GMBH
Das Original

CORODUR® 710

CLASSIFICATION:

DIN EN 14700 DIN 8555
T Z Fe13 (special alloy)

GENERAL CHARACTERISTICS:

CORODUR 710 provides a martensitic weld material with embedded Cr- V- Mo- carbides. The weld deposit has a high hardness and is crack resistant. The embedded borides with their high hardness of approx. 2200 HV guarantee a further resistance to abrasive wear at medium impact. For difficult to weld base materials and old hardfacings an intermediate layer with CORODUR 200 K or CORODUR 250 K is recommended. The preheat temperature and the interpass temperature should be chosen according to the base material. The weld deposit is creep resistant up to 500 ° C.

APPLICATION:

Component parts for crushing of minerals, dredger teeth, briquetting press tools, moulds for the ceramic and brick industry, mixing wings, feed screws, shredders, hammer mills, crushing bars

TYPICAL ALL WELD METAL ANALYSIS (%):

C	Si	Mn	Cr	Mo	V	B
1,4	1,0	1,0	8,0	1,0	1,0	1,0

TYPICAL ALL WELD METAL MECHANICAL PROPERTIES:

Hardness: 62 - 65 HRc

PARAMETER:

Diameter	Voltage	Amps
1,2	22 - 25	160 - 260
1,6	22 - 27	180 - 280
2,0	24 - 27	240 - 300
2,4	25 - 27	280 - 340

FORMS OF DELIVERY:

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

G = gas shielded

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