

CORODUR[®] 721

CLASSIFICATION:

DIN EN 14700 DIN 8555
T Z Fe8 (Special alloy)

GENERAL CHARACTERISTICS:

CORODUR 721 is a flux cored wire with alloyed Fe-B-Cr-weld metal with a martensitic carbide structure. It is suitable for highly abrasion resistant hardfacings that are exposed to minor impact and high wear at temperatures of up to 450°C. Due to its high hardness the hardfacing should not exceed 4 mm thickness.

APPLICATION:

Feed screws, sand preparation plants, wear plates, ceramic industry, mixer parts

TYPICAL ALL WELD METAL ANALYSIS (%):

C	Si	Mn	Cr	B	Fe
1,5	1,0	2,0	16,0	3,5	bal.

TYPICAL ALL WELD METAL MECHANICAL PROPERTIES:

Hardness first layer: 64 – 66 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