

CORODUR[®] 760

CLASSIFICATION:

DIN EN 14700 DIN 8555
T Fe8 MF 6-55-GP

GENERAL CHARACTERISTICS:

The welding deposit is martensitic with embedded Nb- carbides. It has a high resistance to pressure and it is very crack resistant. Due to the Nb - carbides, with a hardness of 2700 HV, the welding deposit has an additional resistance to abrasion wear. The preheat temperature and the interpass temperature should be chosen according to the base material.

APPLICATION:

Cement rolls, crusher rolls and hammers, briquetting plants, ceramic industry

TYPICAL ALL WELD METAL ANALYSIS (%):

C	Si	Mn	Cr	Mo	Nb	V	W
1,4	0,7	1,3	7,0	0,8	8,0	1,0	1,2

TYPICAL ALL WELD METAL MECHANICAL PROPERTIES:

Hardness: 55 - 57 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

FORMS OF DELIVERY:

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

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