

IMPACT RESISTANT APPLICATIONS

CORODUR® 760

DIN EN 14700

T Fe 8-60-GP

With a high resistance to pressure that is also very crack resistant, the CORODUR® 760 weld deposit is martensitic with embedded Nb- carbides. Due to the Nb- carbides, with a hardness of 2700 HV, the weld deposit has an additional resistance to abrasion wear. The preheat temperature and the inter-pass temperature should be chosen according to the base material.



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

TYPICAL ALL WELD METAL ANALYSIS (%)

Base = Fe

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

Hardness HRc

55-57

PARAMETER

FORMS OF DELIVERY

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
2,8	26-28	280-340

Unit	Weight
Coil B5 300	15 kg
Coil B 450	25 kg
Drums	300 kg

G = Gas shielded, OA = Open Arc, SA = Submerged Arc

Diam.	15kg spool
1.2mm	COR760G-P12

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