

CORODUR® 710

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.



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 (%)

Base = Fe

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

Hardness HRc	62-65
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IMPACT RESISTANT APPLICATIONS

PARAMETER

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

Other Dimensions on demand

FORMS OF DELIVERY

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

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