

CORODUR® 4122

In addition to a tough and corrosion resistant overlay well suited for parts that encounter wear from sea water plant and power plant operation, CORODUR® 4122 is also suited for sliding metal-on-metal wear. This acid corrosion resi-

stant wire has a 17% Cr- content which forms the wearing analysis with a Carbon content of 0,4%. The weld parameters should be chosen with a low heat input as possible due to coarse grain formation in 17% Cr- alloys.



Parts that encounter metal-to-metal friction/adhesion wear. Power plant such as bridge bearings, sealing surfaces for service temperatures up to 450 °C, corrosion slide-ring sealing, roller bearings, valves. Steel Mill continuous cast rolls.

TYPICAL ALL WELD METAL ANALYSIS (%)

Base = Fe

C	Cr	Ni	Mo	V
0,4	17,0	0,4	1,0	+

Hardness HRc	48-50
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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

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