

## **CORODUR<sup>®</sup> 4115**

### **CLASSIFICATION:**

DIN EN 14700  
T Fe7  
Alloy-No. 1.4115

### **GENERAL CHARACTERISTICS:**

The tough and corrosion resistant overlay is well suited for parts that encounter wear from sea water plant and power plant operation. This acid corrosion resistance 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.

### **APPLICATION:**

Bridge bearings, sealing surfaces for service temperatures up to 450°C, corrosion slide ring sealing, roller bearings, valves, continuous cast rolls.

### **TYPICAL ALL WELD METAL ANALYSIS ( % ):**

C	Cr	Ni	Mo
0,2	17,0	0,4	1,0

### **TYPICAL ALL WELD METAL MECHANICAL PROPERTIES:**

Hardness: 42 - 44 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, SA = Submerged Arc