



**UP 2594**

### Classification

AWS A5.9 : EQ 2594

ISO 14343

B 25 9 4 N L

### Characteristics

EQ 2594 is a strip electrode used to obtain a UNS S32750 corrosion resistant overlay weld deposit on C, CMn and low-alloy steels using electro slag welding (ESW) with ES Clad B flux. Excellent resistance to stress corrosion cracking (SCC) in chloride-bearing environments, pitting and crevice corrosion. Also high resistance to general corrosion & erosion corrosion and corrosion fatigue.

### Applications

Seawater applications, chloride-containing bleaching environments in the pulp and paper industry and the chemical industry.

### Typical Weld Metal Composition ( % )

C	Si	Mn	Cr	Mo	P	S	Ni	N
<0.02	0.3	0.4	25.0	4.0	<0.020	<0.015	9.5	0.25

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