

## Exaton 2594

2594 is a nitrogen alloyed duplex chromium-nickel-molybdenum strip electrode used in electroslag welding (ESW) to deposit a second and third layer corrosion resistant alloy of 25%Cr/10%Ni/4%Mo/N composition on carbon- and low alloyed steels. The buffer layer can be deposited using 2594, but when the carbon- or low alloyed steel component require post weld heat treatment the buffer layer is welded using 309L with heat treatment before subsequent layers. The grade is characterized by: – Excellent resistance to stress corrosion cracking (SCC) in chloride-bearing environments – Excellent resistance to pitting and crevice corrosion – High resistance to general corrosion – High resistance to erosion corrosion and corrosion fatigue

### Specifications

#### Classifications

EN ISO 14343-A : B 25 9 4 N L

SFA/AWS A5.9 : EQ2594

#### Approvals

CE : EN 13479

Approvals are based on factory location. Please contact ESAB for more information.