

DIN 50969-1:2009-06 (E)

Prevention of hydrogen-induced brittle fracture of high-strength steel building elements - Part 1: Advice on the prevention

Contents	Page
Foreword	3
Introduction	4
1 Scope	5
2 General	5
3 Measures to be taken at the design and manufacturing stages	5
3.1 Design measures	5
3.2 Material-related measures	5
3.3 Manufacture-related measures	6
3.4 Minimizing residual tensile stresses	6
4 Coating process	6
4.1 General	6
4.2 Pretreatment for activation of the surface for subsequent coatings	7
4.3 Coating	7
4.4 Heat treatment after coating	7
Bibliography	8