DIN EN ISO 12944-6:2018-06 (E)

Paints and varnishes - Corrosion protection of steel structures by protective paint systems - Par t 6: Laboratory performance test methods (ISO 12944-6:2018)

Contents

Page

European foreword ... **3**

Foreword ... **4**

Introduction ... **6**

1 Scope ... **7**

2 Normative references ... **7**

3 Terms and definitions ... **8**

4 General ... **8**
4.1 Relationship between artificial ageing and natural exposure ... 8
4.2 Additional performance tests ... 9

5 Tests ... **9**
5.1 Test panels ... 9
5.1.1 Carbon steel ... 9
5.1.2 Hot dip galvanized steel ... 9
5.1.3 Thermal-sprayed metallic coatings ... 10
5.2 Sampling of paints ... 10
5.3 Number of test panels ... 10
5.4 Paint systems ... 10
5.5 Reference system ... 10
5.6 Test procedures and duration ... 10

6 Paint system assessment ... **12**
6.1 General ... 12
6.2 Assessment before artificial ageing ... 12
6.3 Assessment after artificial ageing for the specified time ... 12

7 Test report ... **13**

Annex A (normative) **Scribe line for ISO 9227 test and ISO 12944-9 cyclic ageing test** ... **15**

Annex B (normative) **Cyclic ageing test** ... **17**

Bibliography ... **18**