DIN EN ISO 4623-1:2019-01 (E)

Paints and varnishes - Determination of resistance to filiform corrosion - Part 1: Steel substrates (ISO 4623-1:2018)

Contents

Page

European foreword ... **3**

Foreword ... **4**

Introduction ... **5**

1 Scope ... **6**

2 Normative references ... **6**

3 Terms and definitions ... **6**

4 Principle ... **7**

5 Limitations ... **7**

6 Sampling ... **7**

7 Apparatus ... **7**

8 Reagents ... **7**

9 Test panels ... **7**
9.1 Material and dimensions ... 7
9.2 Preparation and coating ... 7
9.3 Drying and conditioning ... 8
9.4 Thickness of coating ... 8

10 Procedure ... **8**
10.1 Number of determinations ... 8
10.2 Scribing the test panels ... 8
10.3 Testing ... 9
10.3.1 General ... 9
10.3.2 Dipping technique ... 9
10.3.3 Salt fog technique ... 9
10.4 Inspection of test panels ... 10

11 Evaluation of the degree of filiform corrosion ... **10**

12 Precision ... **10**

13 Test report ... **11**

Annex A (informative) **Guidance notes on maintaining exposure conditions using saturated ammonium sulfate solution** ... **12**

Bibliography ... **13**