DIN EN ISO 19403-7:2025-01 (E)

Paints and varnishes - Wettability - Part 7: Measurement of the dynamic contact angles and the roll-off angle on a tilt stage (ISO 19403-7:2024)

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 Apparatus and materials ... **7**

6 Sampling ... **9**

7 Procedure ... **9**

7.1 General for measuring the roll-off angle ... 9

7.1.1 Setting up the contact angle measuring system ... 9

7.1.2 Test conditions ... 9

7.1.3 Conditioning of the test panels ... 9

7.2 Measurement ... 10

7.2.1 General ... 10

7.2.2 Application of the drop ... 10

7.2.3 Determination of the roll-off angle ... 11

8 Test report ... **13**

Annex A (informative) **Notes on sampling and treatment of test specimens** ... **15**

Annex B (informative) **Factors influencing the roll-off angle** ... **16**

Bibliography ... **18**