

# ISO 19403-7:2017-06 (E)

## Paints and varnishes - Wettability - Part 7: Measurement of the contact angle on a tilt stage (roll-off angle)

---

<b>Contents</b>		<b>Page</b>
Foreword .....		iv
Introduction .....		v
1	Scope .....	1
2	Normative references .....	1
3	Terms and definitions .....	1
4	Principle .....	2
5	Apparatus and materials .....	2
6	Sampling .....	4
7	Procedure .....	4
7.1	General for measuring the roll-off angle .....	4
7.1.1	Setting up the contact angle measuring system .....	4
7.1.2	Test conditions .....	5
7.1.3	Conditioning of the test panels .....	5
7.2	Measurement .....	5
7.2.1	General .....	5
7.2.2	Application of the drop .....	5
7.2.3	Determination of the roll-off angle .....	6
8	Precision .....	8
9	Test report .....	8
Annex A (informative) Notes on sampling and treatment of test specimens .....		10
Annex B (informative) Factors influencing the roll-off angle .....		11
Bibliography .....		13