

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