

DIN EN ISO 28199-1:2021-07 (E)

Paints and varnishes - Evaluation of properties of coating systems related to the spray application process - Part 1: Vocabulary and preparation of test panels (ISO 28199-1:2021)

Contents		Page
European foreword		3
Foreword		4
Introduction		6
1	Scope	7
2	Normative references	7
3	Terms and definitions	7
4	Principle	12
5	Apparatus	13
6	Calibration	13
7	Sampling	13
8	Test panels	13
8.1	Substrate	13
8.2	Preparation of the test panel	13
8.3	Coating of the test panel	15
8.3.1	General	15
8.3.2	Version A (perforated panel)	15
8.3.3	Version B (non-perforated panel)	16
8.4	Film thickness	18
9	Procedure	19
9.1	Conditioning the test panels	19
9.2	Test conditions	19
9.3	Number of test panels to be measured	19
9.4	Test	19
9.4.1	Measurement pattern	19
9.4.2	Film thickness	21
9.4.3	Colour	21
9.4.4	Surface texture	22
9.4.5	Mottling	22
9.4.6	Gloss	22
10	Evaluation	22
11	Precision	22
12	Test report	22
Annex A (informative)	Examples of suitable application parameters	23
Bibliography		28

Bibliography 28