

DIN EN ISO 10545-2:2019-01 (E)

Ceramic tiles - Part 2: Determination of dimensions and surface quality (ISO 10545-2:2018)

Contents		Page
	European foreword	3
	Foreword	4
1	Scope	5
2	Normative references	5
3	Terms and definitions	5
4	Measurement of length and width	7
	4.1 Apparatus	7
	4.2 Test specimens	7
	4.3 Procedure	7
	4.4 Expression of results	7
	4.5 Test report	7
5	Measurement of thickness	8
	5.1 Apparatus	8
	5.2 Test specimens	8
	5.3 Procedure	8
	5.4 Expression of results	8
	5.5 Test report	8
6	Measurement of straightness of sides	9
	6.1 Calculation	9
	6.2 Apparatus	9
	6.3 Test specimens	10
	6.4 Procedure	10
	6.5 Test report	11
7	Measurement of rectangularity	11
	7.1 Calculation	11
	7.2 Apparatus	12
	7.3 Test specimens	13
	7.4 Procedure	13
	7.5 Test report	13
8	Measurements of surface flatness (curvature and warpage)	13
	8.2 Apparatus	14
	8.2.1 For tiles larger than 40 mm × 40 mm	14
	8.2.2 For tiles of dimensions 40 mm × 40 mm or less	14
	8.3 Test specimens	14
	8.4 Procedure	14
	8.4.1 For tiles larger than 40 mm × 40 mm	14
	8.4.2 For tiles of dimensions 40 mm × 40 mm or less	16
	8.5 Expression of results	16
	8.6 Test report	16
9	Surface quality	16
	9.1 Surface defects and intentional effects	16
	9.2 Apparatus	16
	9.3 Test specimens	17
	9.4 Procedure	17
	9.5 Expression of results	17
	9.6 Test report	17