

DIN EN ISO 24342:2019-03 (E)

Resilient and textile floor-coverings - Determination of side length, edge straightness and squareness of tiles (ISO 24342:2018)

Contents	Page
European foreword	3
Foreword	4
1 Scope	5
2 Normative references	5
3 Terms and definitions	5
4 Principle	6
5 Apparatus	6
5.1 Reference plate	6
5.2 Rigid metal or glass plate	7
5.3 Flat bedplate apparatus	7
5.4 Dial gauge, calliper gauge and/or thickness gauges	9
5.5 Movable dial gauges apparatus	9
6 Sampling and selection of specimens	10
7 Atmosphere for conditioning and testing	10
7.1 Resilient floor coverings	10
7.2 Textile floor coverings	11
8 Procedure	11
8.1 General	11
8.2 Side length	11
8.2.1 Gauge method	11
8.2.2 Movable dial gauge method	11
8.2.3 Sliding calliper method	11
8.3 Squareness	12
8.3.1 Thickness gauge method	12
8.3.2 Movable dial gauge method	12
8.4 Straightness	12
8.4.1 Thickness gauge method	12
8.4.2 Movable dial gauge method	12
9 Calculation and expression of the results	12
9.1 For flat bedplate apparatus (5.3) and thickness gauge (5.4)	12
9.1.1 Side length	12
9.1.2 Squareness	12
9.1.3 Straightness	12
9.2 For the movable dial gauge apparatus	12
9.3 For the sliding calliper apparatus	13
10 Test report	13
Bibliography	14