

# ISO 24342:2024-06 (E)

## Resilient and textile floor coverings - Determination of side length, edge straightness and squareness of tiles and planks

---

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