

ISO 24342:2024-06 (E)

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

Contents		Page
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