

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 |