

DIN EN 17539:2021-10 (E)

Modular mechanical locked floor coverings (MMF) - Determination of geometrical characteristics

Contents		Page
European foreword		4
Introduction		5
1	Scope	6
2	Normative references	6
3	Terms and definitions	6
4	Principles	7
4.1	Thickness	7
4.2	Length and width	7
4.3	Squareness	7
4.4	Straightness	7
4.5	Flatness	7
4.6	Openings and height differences	7
5	Apparatus	7
5.1	Apparatus for thickness measurement	7
5.2	Apparatus for length and width measurement	7
5.3	Apparatus for squareness measurement	8
5.4	Apparatus for straightness measurement	8
5.5	Apparatus for determination of flatness	8
5.6	Apparatus for openings and height differences	9
6	Sampling and selection of specimens	9
7	Atmosphere for conditioning and testing	9
8	Procedure	9
8.1	Determination of thickness	9
8.2	Determination of length and width	10
8.3	Determination of straightness and squareness	10
8.3.1	Squareness	10
8.3.2	Straightness	11
8.4	Determination of flatness	12
8.4.1	Determination of width flatness	12
8.4.2	Determination of length flatness	12
8.5	Determination of openings and height differences between panels	13
8.5.1	General	13
8.5.2	Determination of openings between the panels	13
8.5.3	Determination of height differences	13
9	Calculation and expression of results	14
9.1	Thickness	14
9.2	Length and Width	14
9.3	Squareness	14
9.4	Straightness	14
9.5	Flatness	14
9.5.1	Width flatness	14

9.5.2	Length flatness	14
9.6	Openings and height differences	14
10	Precision statement	14
11	Test report	15
	Bibliography	16