

DIN EN 16094:2021-08 (E)

Laminate floor coverings - Test method for the determination of micro-scratch resistance

Contents		Page
European foreword		3
1	Scope	4
2	Normative references	4
3	Terms and definitions	4
4	Principle	5
5	Apparatus and materials	5
5.1	Martindale tester	5
5.2	Holder for scrub material	5
5.3	Diffuse light source	5
5.4	Reflectometer	5
5.5	Positioning device	5
5.6	Scrub materials	6
5.7	Double-sided tape	6
5.8	Soft cotton cloth	7
5.9	Reference black high gloss HPL with anti-scratch surface by corundum in the surface layer	7
6	Assembly and maintenance of the Martindale tester	7
7	Preparation and conditioning	7
7.1	Preparation	7
7.2	Conditioning	7
8	Test procedure	7
8.1	General	7
8.2	Testing	8
8.2.1	Measurement of gloss levels	8
8.2.2	Procedure A	8
8.2.3	Procedure B	9
8.2.4	Procedure C	10
9	Test report	11
Annex A (normative) Method for checking the Lissajous figure		12
Annex B (normative) Classification of the image after scratching according to procedure B		13