

DIN EN 15185:2024-02 (E)

Furniture - Assessment of the surface resistance to abrasion

Contents		Page
European foreword		4
1	Scope	5
2	Normative references	5
3	Terms and definitions	5
4	Principle	6
5	Apparatus and materials	6
5.1	Cleaning cloth	6
5.2	Calibration plates	6
5.3	Abrasion paper strips	6
5.4	Test apparatus	6
5.5	Balance	7
5.6	Conditioning chamber	7
5.7	Diffuse light source	7
6	Preparation and conditioning	7
6.1	Conditioning	7
6.2	Test surface	7
6.3	Preparation of test surfaces and abrasive paper	7
7	Test procedure	8
7.1	Preparation of abrasive wheels	8
7.2	Calibration of abrasive paper	8
7.3	Abrasion of test area	8
7.4	Determination of initial wear point (IP)	9
7.4.1	General	9
7.4.2	Foil, uncoated and coated laminate and melamine faced boards	9
7.4.3	Pigmented lacquers	9
7.4.4	Transparent lacquers on wood or lignocellulosic-substrates	9
8	Assessment of results	10
9	Test report	10
Annex A (informative) Calibration and maintenance of Taber abrasion equipment		11
A.1	General	11
A.2	Apparatus	11
A.2.1	Calibration block	11
A.2.2	Feeler gauges	11
A.2.3	Shim washers	11
A.3	Procedure	11
A.3.1	Bearing wear	11
A.3.2	Shaft wear	12
A.3.3	Alignment	12
A.3.4	Alignment - Dual head abrader	12
Annex B (normative) Examples of abrasion traces		14
Bibliography		16