DIN EN 1307:2018-05 (E)

Textile floor coverings - Classification (includes Amendment :2018)

Contents

Page

European foreword 4

1 Scope 5

2 Normative references 5

3 Terms and definitions 6

4 Description of levels of use 8

5 Identification requirements 8

6 Basic requirements 9

7 Level of use classification 10

8 Classification of Pile Carpets 11

9 Classification for flat needled floor coverings 12
9.1 General 12
9.2 Abrasion resistance - Lisson test - Mass loss per unit area (mv) 12
9.3 General structural integrity 12
9.4 Change in colour 13

10 Classification for needled floor coverings with pile 13
10.1 General 13
10.2 Abrasion resistance - Lisson test - Mass loss per unit area (mv) 13
10.3 Hairiness (pilling) - Lisson test for needled floor coverings with pile 14
10.3.1 Type B1 products 14
10.3.2 Type B 2 and type B 3 products 14
10.4 General structural integrity 14
10.5 Change in appearance 15

11 Classification of textile floor coverings without pile, except needled 15
11.1 General 15
11.2 Abrasion resistance - Lisson test - Mass loss per unit area (mv) 15
11.3 General structural integrity 16
11.4 Change in appearance 16

12 Classification for flocked carpets 17
12.1 Abrasion resistance 17
12.2 Classification on change in appearance 17

13 Luxury rating requirements 18

14 Additional Performance Properties 18

15 Report 19

16 Symbols 19

Annex A (normative) Requirements for carpet tiles 20

Annex B (normative) Summary of test report 21

B.1 General 21
B.2 List of references to Annex B 22
B.2.1 Ref 1 Type of manufacture 22
B.2.2 Ref 2 Type of surface (combinations are possible) 22
B.2.3 Ref 3 Type of primary backing (combinations are possible) 23
B.2.4 Ref 4 Type of additional backings (combinations are possible) 23
B.2.5 Ref 5 Type of colouring/patterning 23

Annex C (normative) Criteria for the assessment of stair suitability 24

C.1 Pile carpets 24
C.2 Flat needled floor covering 27
C.3 Pile needled floor covering 27
C.4 Carpets without pile: assessment of stair suitability 28

Annex D (informative) Impact sound insulation 30

Annex E (normative) Determination of work of compression of underlay 31

Annex F (normative) Flocked floor coverings - Blade test 32

F.1 Principle of test 32
F.2 Apparatus 32
F.3 Preparation of test specimens 33
F.4 Test procedure 33
F.5 Assessment of results 33
F.6 Test report 33

Annex G (normative) Flocked floor coverings - Water Impermeability Test 34

G.1 Principle of test 34
G.2 Equipment 34
G.3 Conditioning and preparation of test specimens 34
G.4 Test procedure 34
G.5 Assessment of results 34
G.6 Test report 35

Bibliography 36