

DIN EN 15651-4:2017-11 (E)

Sealants for non-structural use in joints in buildings and pedestrian walkways - Part 4: Sealants for pedestrian walkways (includes Corrigendum :2017)

Contents	Page
European foreword	4
1 Scope	5
2 Normative references	5
3 Terms and definitions	6
4 Requirements	6
4.1 Identification requirements	6
4.1.1 Short description of the sealant	6
4.1.2 Thermogravimetric test	7
4.1.3 Density	7
4.1.4 Indentation hardness (Shore hardness)	7
4.2 Conditioning, test procedure and substrates	7
4.2.1 General	7
4.2.2 Classification	7
4.2.3 Test procedure	9
4.3 Performance requirements and test methods for non-structural sealants for pedestrian walkways	10
4.3.1 General	10
4.3.2 Sealants in pedestrian walkways used in cold climates	10
4.3.3 Resistance to flow for non-sagging sealants	11
4.3.4 Sealants with self-levelling properties	11
4.3.5 Tear resistance	11
4.4 Additional performance requirements for exterior applications	13
4.4.1 General	13
4.4.2 Artificial weathering by UV-radiation	13
4.5 Release of dangerous substances	14
4.6 Reaction to fire	14
4.6.1 General	14
4.6.2 Mounting and fixing conditions for test samples	14
5 Durability	16
6 Sampling	16
7 Assessment and verification of constancy of performance	16
7.1 General	16
7.2 Product type determination	16
7.3 Factory production control	16
8 Marking and labelling	16
Annex A (informative) Example on the frequency of tests for factory production control	17
Annex B (normative) Determination of the change of volume of self-levelling cold applied joint sealants	18
B.1 Principle	18
B.2 Apparatus and materials	18

B.3	Preparation of test specimens	18
B.4	Test procedure	18
B.5	Calculation and expression of results	19
B.5.1	Change in mass	19
B.5.2	Change in volume	19
Annex ZA (informative) Relationship of this European Standard with Regulation (EU) No.305/2011 .		20
ZA.1	Scope and relevant characteristics	20
ZA.2	System of Assessment and Verification of Constancy of Performance (AVCP)	21
ZA.3	Assignment of AVCP tasks	21
Bibliography		24