

DIN EN 13022-2:2014-08 (E)

Glass in building - Structural sealant glazing - Part 2: Assembly rules

Contents	Page
Foreword	4
1 Scope	5
2 Normative references	5
3 Terms and definitions	5
4 Requirements	5
5 Assembling/bonding	6
6 Assembling/bonding control	7
6.1 Assembling/bonding control requirements	7
6.1.1 General	7
6.1.2 Organization	7
6.1.3 Assembling - quality system	7
6.2 Inspection and testing tables for assembling glass elements into or onto framework with structural sealant	8
Annex A (normative) Dynamic tensile and peel test on structural sealant	14
A.1 Purpose	14
A.1.1 General	14
A.1.2 Project Test	14
A.1.3 Convenience test	14
A.1.4 Factory production control test	14
A.2 Test specimens	14
A.2.1 Tensile test	14
A.2.2 Peel test	14
A.3 Conditioning of test specimens	14
A.4 Test procedure	15
A.4.1 In the case of tensile test	15
A.4.2 In the case of peel test	15
A.5 Observation	15
A.6 Report	15
Annex B (informative) Design guidance	17
B.1 Characteristics	17
B.2 Characteristic details	18
B.2.1 General	18
B.2.2 Safety in the case of fire - reaction to fire	18
B.2.3 Health - release of dangerous substances	19
B.2.4 Safety in use	19
B.2.5 Structural seal dimensions	19
B.3 Initial assessment of the design	26
B.4 Assembling details	27
Annex C (normative) Adhesion tests in assembling/bonding control	28
C.1 General	28

C.2	Purpose	28
C.3	Peel test - Method 1	28
C.3.1	Test specimens	28
C.3.2	Curing time	29
C.3.3	Test procedure	29
C.3.4	Observation	29
C.4	Static tensile test - Method 2	29
C.4.1	Test specimens	29
C.4.2	Curing time	29
C.4.3	Test procedure	30
C.4.4	Observation	30
C.5	Dynamic tensile test	30
C.5.1	Test specimens	30
C.5.2	Curing time	30
C.5.3	Test procedure	30
C.5.4	Observation	30
C.6	Report	30
Annex D (informative) Two-component sealant: Check on the thoroughness of mixing and air inclusions		32
D.1	General	32
D.2	Purpose	32
D.3	Test specimen	32
D.4	Test procedure	32
D.5	Report	32
Annex E (informative) Sealants, hardness measurements		34
E.1	General	34
E.2	Purpose	34
E.3	Definitions	34
E.3.1	Curing time	34
E.3.2	Free surface	34
E.4	Instruments	34
E.5	Calibration	34
E.6	Test specimens	35
E.7	Test procedure	35
E.8	Report	35
Annex F (informative) Provisions for voluntary involvement of third party(ies)		37
F.1	General	37
F.2	Voluntary tasks for third parties	37
F.3	Marking and labelling	37
Bibliography		38