

# DIN EN 13022-2:2010-07 (E)

## Glass in building - Structural sealant glazing - Part 2: Assembly rules (includes Amendment A1:2010)

---

<b>Contents</b>		<b>Page</b>
Foreword .....		4
Introduction .....		5
1	Scope .....	6
2	Normative references .....	6
3	Terms and definitions .....	6
4	Requirements .....	6
5	Assembling/bonding .....	7
6	Assembling/bonding control .....	8
6.1	Assembling/bonding control requirements .....	8
6.1.1	General .....	8
6.1.2	Organisation .....	8
6.1.3	Assembling - quality system .....	8
6.2	Inspection and testing tables for assembling glass elements into or onto framework with structural sealant .....	9
Annex A (informative) Dynamic tensile and peel test on structural sealant .....		16
A.1	Convenience test .....	16
A.2	Purpose .....	16
A.3	Test specimens .....	16
A.3.1	Tensile test .....	16
A.3.2	Peel test .....	16
A.4	Conditioning of test specimens .....	16
A.5	Test procedure .....	17
A.5.1	In the case of tensile test: .....	17
A.5.2	In the case of peel test: .....	17
A.6	Observation .....	17
A.7	Report .....	17
Annex B (informative) Design guidance .....		19
B.1	Characteristics .....	19
B.2	Characteristic details .....	20
B.2.1	General .....	20
B.2.2	Safety in the case of fire - reaction to fire .....	20
B.2.3	Health - release of dangerous substances .....	21
B.2.4	Safety in use .....	21
B.2.5	Structural seal dimensions .....	21
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 .....	30
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 .....	31
C.5.4	Observation .....	31
C.6	Report .....	31
<b>Annex D (informative) Two-component sealant: check on the thoroughness of mixing and air inclusions .....</b>		<b>32</b>
D.1	General .....	32
D.2	Purpose .....	32
D.3	Test specimen .....	32
D.4	Test procedure .....	32
D.5	Report .....	33
<b>Annex E (informative) Sealants, hardness measurements .....</b>		<b>34</b>
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 .....	35
E.6	Test specimens .....	35
E.7	Test procedure .....	35
E.8	Report .....	36
<b>Annex F (informative) Provisions for voluntary involvement of third party(ies) .....</b>		<b>37</b>
F.1	General .....	37
F.2	Voluntary tasks for third parties .....	37
F.3	Marking and labelling .....	37
<b>Bibliography .....</b>		<b>38</b>