



SLOVENSKI STANDARD
SIST EN 15434:2006/kFprA1:2009
01-december-2009

Steklo v gradbeništvu - Produktni standard za strukturna in/ali UV-odporna tesnila (za uporabo v strukturnih zasteklitvah in/ali v izolacijskih steklih z nezavarovanim robnim tesnjenjem)

Glass in building - Product standard for structural and/or ultra-violet resistant sealant (for use with structural sealant glazing and/or insulating glass units with exposed seals)

Glas im Bauwesen - Produktnorm für lastübertragende und/oder UV-beständige Dichtstoffe (für geklebte Verglasungen und/oder Isolierverglasungen mit exponierten Dichtungen)

Verre dans la construction - Norme de produits pour produit de collage et de scellement structurel et/ou résistants aux rayonnements ultraviolets (utilisé pour les vitrages extérieurs collés et/ou pour les vitrages isolants à bords exposés)

Ta slovenski standard je istoveten z: EN 15434:2006/FprA1

ICS:

81.040.20 Steklo v gradbeništvu Glass in building

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EUROPEAN STANDARD
NORME EUROPÉENNE
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English Version

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This draft amendment is submitted to CEN members for unique acceptance procedure. It has been drawn up by the Technical Committee CEN/TC 129.

This draft amendment A1, if approved, will modify the European Standard EN 15434:2006. If this draft becomes an amendment, CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for inclusion of this amendment into the relevant national standard without any alteration.

This draft amendment was established by CEN in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the CEN Management Centre has the same status as the official versions.

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Foreword

This document (EN 15434:2006/FprA1:2009) has been prepared by Technical Committee CEN/TC 129 “Glass in building”, the secretariat of which is held by NBN.

This document is currently submitted to the Unique Acceptance Procedure.

EN 15434:2006/FprA1:2009 (E)**1 Modification to the Scope**

Replace the existing text in the scope with the following:

"This European Standard covers the requirements for and testing of sealants for use in one or more of the following applications:

- a) Manufacturing of insulating glass units where ultra-violet resistance and/or mechanical resistance (structural use) of the insulating glass edge seal is required.
- b) Manufacturing of factory made structural sealant glazing elements when referred to by the relevant European Standards and/or European Technical Approval Guidelines.
- c) Assembling of glass products into or onto supports, where also ultra-violet resistance and/or mechanical resistance (structural use) of the seal is required, under controlled environmental conditions as described in Clause 5 of EN 13022-2: 2006.

NOTE 1 The required level of resistance to ultra-violet exposure will be dependent upon the degree of exposure to ultra-violet radiation.

NOTE 2 Only silicone based sealants are permitted for the applications a, b and c above.

d) Manufacturing of insulating glass units where the outer seal of the insulating glass has no structural function and exposure to ultra-violet radiation is reduced for example either by:

- i) Use of glass components that decrease the ultra-violet radiation transmission, e.g. laminated glass with ultra-violet absorbing interlayer(s), screen enamelled printing, etc., or
- ii) Use of durable applied opaque surface coverings, e.g. metal components, etc.

NOTE Dependent upon the amount of ultra-violet radiation exposure both organic and silicone based sealants are permitted.

This European Standard covers the evaluation of conformity and the factory production control with respect to the production of sealants in conformity with this standard.

This European Standard describes the role of sealants that are in conformity with this European Standard, with respect to sealing and bonding.

This European Standard does not apply to sealants for the manufacture of insulating glass units where the seal is fully protected, i.e. by a frame, from ultra-violet radiation.

NOTE Sealants for this application should comply with EN 1279-4.

This European Standard contains other aspects of importance for trade."

2 Modification to Clause 2, Normative references

Replace the title of EN ISO 4892-2 with the following: "Plastics — Methods of exposure to laboratory light sources — Part 2: Xenon-arc lamps (ISO 4892-2:2006)".

Replace "prEN ISO 9227, Corrosion tests in artificial atmospheres — Salt spray tests (ISO/FDIS 9227:2006)" with "EN ISO 9227, Corrosion tests in artificial atmospheres — Salt spray tests (ISO 9227:2006)". Replace "prEN ISO 9227" with "EN ISO 9227" in 5.4.3.

3 Modification to Annex D

- In D.2.1, add the following text before Figure D.1:

"Sealant test specimens should generally be 25 mm x 5 mm x 5 mm cross section (see Figure D.1)

For pre-extruded sealants a length of 25 mm is applied on one piece of glass. The second piece of glass is compressed onto the sealant according the sealant manufacturer's instructions. Sealant height should be as near as possible to 5 mm.

For the hot applied hot melt outer seal: the cross section of the sealant shall be "25x25x5".

- In Table D.1, Level A, last column:

Replace:

"2)	Ratio	(R)	stress	values	after/before	ageing	at	rupture:
	no value requested"							

with:

"2)	Ratio	(R)	stress	values	after/before	ageing	at	rupture:
	R ≥ 30 %"							

- In Table D.1, last column:

Replace:

"The outer seal is protected from direct exposure to UV (2)"

with:

"The exposure to ultra-violet radiation of the outer seal is reduced (2)."

EN 15434:2006/FprA1:2009 (E)

4 Modification to the Bibliography

Replace the title of EN ISO 9001 with the following: "Quality management systems — Requirements (ISO 9001:2008)".