



SLOVENSKI STANDARD
SIST EN 15275:2009/AC:2010
01-oktober-2010

Konstruktivska lepila - Karakterizacija anaerobnih lepil za koaksialne metalne konstrukcije v zgradbah in objektih

Structural adhesives - Characterisation of anaerobic adhesives for co-axial metallic assembly in building and civil engineering structures

Strukturklebstoffe - Charakterisierung anaerober Klebstoffe für koaxiale Metallverbindungen im Bauwesen

Adhésifs structuraux - Caractérisation des adhésifs anaérobies pour assemblages métalliques coaxiaux dans les bâtiments et ouvrages de génie civil

Ta slovenski standard je istoveten z: **EN 15275:2007/AC:2010**

ICS:

83.180 Lepila Adhesives

SIST EN 15275:2009/AC:2010 en,fr

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SIST EN 15275:2009/AC:2010

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EUROPEAN STANDARD

EN 15275:2007/AC

NORME EUROPÉENNE

August 2010

EUROPÄISCHE NORM

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English version
Version Française
Deutsche Fassung

Structural adhesives - Characterisation of anaerobic adhesives for co-axial
metallic assembly in building and civil engineering structures

Adhésifs structuraux - Caractérisation des
adhésifs anaérobies pour assemblages
métalliques coaxiaux dans les bâtiments et
ouvrages de génie civil

Strukturklebstoffe - Charakterisierung
anaerober Klebstoffe für koaxiale
Metallverbindungen im Bauwesen

This corrigendum becomes effective on 25 August 2010 for incorporation in the three official language versions of the EN.

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Ce corrigendum prendra effet le 25 août 2010 pour incorporation dans les trois versions linguistiques officielles de la EN.

Die Berichtigung tritt am 25. August 2010 zur Einarbeitung in die drei offiziellen Sprachfassungen der EN in Kraft.

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EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

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Ref. No.: EN 15275:2007/AC:2010 D/E/F

EN 15275:2007/AC:2010 (E)

1 Modification 1 to Table 1

In Table 1, replace the lines concerning items 7 and 8 with the following: "

7	Heat resistance	5.1.3	N/mm ²	EN 15337	Shear strength at 100 °C.
8	Heat resistance	5.2.3	Nm	EN ISO 10964	Breakloose torque at 100 °C.

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to read as follows: "

Table 1 — Performance characteristics for relevant applications

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No	Property	Clause in this European Standard	Units	Reference Test Method	Additional information and test methods
1	Static shear strength	5.1.1	N/mm ²	EN 15337	Only for products intended for use for retaining metallic co-axial cylindrical joints such as load bearing tubular or pin-and-collar-type cylindrical assemblies. The test method can be also used to determine the shear strength of threaded fasteners. However, in this case it is recommended to assess the bond ability of the threaded assembly by means of the torque strength according to EN ISO 10964.
2	Breakloose torque	5.2.1	Nm	EN ISO 10964	Only for products intended for use for securing or locking metallic threaded assemblies.
3	Prevailing torque	5.2.1	Nm	EN ISO 10964	The fastener specimen should be preloaded at 5 Nm, otherwise the input torque has to be explicitly mentioned in brackets (Input Torque in Nm). If unseated assemblies have been used, use the expression Unseated Assemblies in brackets.
5	Durability ^a	5.1.2	N/mm ² or as ratio to shear strength at room temperature, No. 1	EN 15337	Shear Strength after 1 000 h exposure to 100 °C. Only for products intended for use for retaining metallic co-axial cylindrical joints such as load bearing tubular or pin-and-collar-type cylindrical assemblies. Expresses durability as shear strength or retention of the shear strength measured in accordance with EN 15337 after 1 000 h exposure to 100 °C (and if required to 150 °C).
6	Durability ^a	5.2.2	Nm or as ratio to breakaway torque at room temperature, No. 2	EN ISO 10964	Breakaway Torque after 1 000 h exposure to 100 °C ^a Only for products intended for use for securing or locking metallic threaded assemblies. Expresses durability as torque strength or retention of the torque strength measured in accordance to EN ISO 10964 after 1 000 h exposure to 100 °C (and if required to 150 °C, after 168 h in boiling water, or after 2 h exposure to -20 °C).
7	Heat resistance	5.1.3	N/mm ²	EN 15337	Shear strength at 100 °C.
8	Heat resistance	5.2.3	Nm	EN ISO 10964	Breakloose torque at 100 °C.

EN 15275:2007/AC:2010 (E)

No	Property	Clause in this European Standard	Units	Reference Test Method	Additional information and test methods
4	Sealing ability	5.3	-	EN 751-1	<p>Only for products intended for use to seal threaded metallic joints in contact with 1st, 2nd and 3rd family gases and hot water of heating systems.</p> <p>The sealing ability includes the resistance to gas condensates, resistance to hot water, resistance to temperature cycling, and resistance to vibration as defined in EN 751-1</p> <p>Use the expression Meets the Requirements Accordingly to EN 751-1.</p>
9	Release of dangerous substances	5.4	$\mu\text{g}/\text{m}^3$	EN 13999-1 and EN 13999-2	

^a The determination of the strength and torque strength under the additional environmental conditions is only partly needed for specific applications by demand of the user or operator. To assess the heat resistance of an anaerobic adhesive measurement of the static shear strength in accordance with EN 10964 or torque strength in accordance with EN 15337 may be conducted at other specified environmental conditions.

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