SLOVENSKI STANDARD
SIST EN 1047-2:2009/kFprA1:2012

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Varnostne shranjevalne enote - Klasifikacija in metode preskušanja odpornosti proti ognju - 2. del: Prostori in vsebniki za shranjevanje podatkov

Secure storage units - Classification and methods of test for resistance to fire - Part 2: Data rooms and data container

Wertbehältnisse - Klassifizierung und Methoden zur Prüfung des Widerstandes gegen Brand - Teil 2: Datensicherungsräume und Datensicherungscontainer

Unités de stockage en lieu sûr - Classification et méthodes d'essai de résistance au feu - Partie 2: Conteneurs et chambres réfractaires

Ta slovenski standard je istoveten z: **EN 1047-2:2009/FprA1**

ICS:

13.220.40	Sposobnost vžiga in obnašanje materialov in proizvodov pri gorenju	Ignitability and burning behaviour of materials and products
13.310	Varstvo pred kriminalom	Protection against crime
35.220.99	Druge naprave za shranjevanje podatkov	Other data storage devices

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EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

FINAL DRAFT
EN 1047-2:2009

FprA1

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ICS 13.220.40; 13.310; 35.020

English Version

Secure storage units - Classification and methods of test for resistance to fire - Part 2: Data rooms and data container

Unités de stockage en lieu sûr - Classification et méthodes d'essai de résistance au feu - Partie 2: Conteneurs et chambres réfractaires

Wertbehältnisse - Klassifizierung und Methoden zur Prüfung des Widerstandes gegen Brand - Teil 2: Datensicherungsräume und Datensicherungscontainer

This draft amendment is submitted to CEN members for unique acceptance procedure. It has been drawn up by the Technical Committee CEN/TC 263.

This draft amendment A1, if approved, will modify the European Standard EN 1047-2:2009. 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-CENELEC Management Centre has the same status as the official versions.

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Recipients of this draft are invited to submit, with their comments, notification of any relevant patent rights of which they are aware and to provide supporting documentation.

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

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Foreword

This document (EN 1047-2:2009/FprA1:2012) has been prepared by Technical Committee CEN/TC 263 “Secure storage of cash, valuables and data media”, the secretariat of which is held by BSI.

This document is currently submitted to the Unique Acceptance Procedure.

1 Modification to Clause 2, Normative references

Delete the following reference:

"EN 1300, *Secure storage units — Classification for high security locks according to their resistance to unauthorized opening*".

2 Modification to Clause 3, Terms and definitions

In Definition 3.7, replace the definition of "door" *with the following one:*

"access to, respectively, a data room or data container equipped with at least one lock".

3 Modification to Clause 4, Requirements and classification

Replace the whole Table 2 with the following one:

"

Protection class	Fire endurance test (6.6.1)		Impact test (6.6.2)	Comparison tests [b]	
	Maximum temperature increase	Maximum relative humidity		Maximum temperature increase	Maximum relative humidity
R60D Type A	50 K	85 %	[a]	Assessment according to [b]	Assessment according to [b]
R60D Type B	50 K	85 %	Integrity to 3.1.9 and 10.4.5 of EN 1363-1:1999	Assessment according to [b]	Assessment according to [b]
C60D	50 K	85 %	Integrity to 3.1.9 and 10.4.5 of EN 1363-1:1999	Assessment according to [b]	Assessment according to [b]

where

R refers to data rooms;

C refers to data containers;

60 refers to the 60 min fire exposure time;

D characterises the kind of data media and hardware systems which may be protected and includes all kinds of data media except those that lose their data at temperatures below 75 °C and relative air humidity above 85 %.

[a] Data rooms of type A are only installed within walls and ceilings with minimum fire integrity (see 3.2) and are therefore not tested for impact resistance.

[b] Assessment of comparison test results for floor constructions, alternative constructions for walls and ceiling or other construction variants.

If the construction of the floor differs from the wall or ceiling construction (see 5.4 and 6.6.3) or the construction of the walls and ceiling differs from the type-tested construction (see 5.5 and 6.6.3) and for all other construction variants (see 5.6 and 6.6.3), the results of the comparison test conducted on the specimens are assessed according to the following formula:

$$50 - \Delta T_A \geq \Delta T_B - \Delta T_C$$

ΔT_A = temperature rise in K during the type-test of the data room resp. data container;

ΔT_B = temperature rise in K above the floor construction, the alternative construction or other construction variant during the comparison test (see 6.6.3);

ΔT_C = temperature rise in K above the comparison specimen (respectively wall or ceiling panel and construction variant of the type test) during the comparison test.

".