



SLOVENSKI STANDARD
SIST EN 50085-2-1:2007/oprAA:2010
01-maj-2010

**Sistemi kabelskih korit in sistemi kabelskih cevi za električne inštalacije - 2-1. del:
Sistemi kabelskih korit in sistemi kabelskih cevi za montažo na stene in strope**

Cable trunking systems and cable ducting systems for electrical installations - Part 2-1:
Cable trunking systems and cable ducting systems intended for mounting on walls and
ceilings

Elektroinstallationskanalsysteme für elektrische Installationen - Teil 2-1: Besondere
Anforderungen für Elektroinstallationskanalsysteme für Wand und Decke

Systèmes de goulottes et systèmes de conduits-profilés pour installations électriques -
Partie 2-1: Systèmes de goulottes et systèmes de conduits-profilés prévus pour être
montés sur les murs et les plafonds

Ta slovenski standard je istoveten z: EN 50085-2-1:2006/prAA:2010

ICS:

29.120.10	Inštalacijske cevi za električne namene	Conduits for electrical purposes
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SIST EN 50085-2-1:2007/oprAA:2010 **en,fr,de**

EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

DRAFT
EN 50085-2-1
prAA

March 2010

ICS 29.120.10

English version

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et systèmes de conduits-profilés prévus
pour être montés sur les murs et les
plafonds

Elektroinstallationskanalsysteme
für elektrische Installationen -
Teil 2-1: Besondere Anforderungen
für Elektroinstallationskanalsysteme
für Wand und Decke

This draft amendment prAA, if approved, will modify the European Standard EN 50085-2-1:2006; it is submitted to CENELEC members for CENELEC enquiry.
Deadline for CENELEC: 2010-09-03.

It has been drawn up by CLC/TC 213.

If this draft becomes an amendment, CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this amendment the status of a national standard without any alteration.

This draft amendment was established by CENELEC in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CENELEC member into its own language and notified to the Central Secretariat 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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CENELEC

European Committee for Electrotechnical Standardization
Comité Européen de Normalisation Electrotechnique
Europäisches Komitee für Elektrotechnische Normung

Central Secretariat: Avenue Marnix 17, B - 1000 Brussels

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Foreword

This draft amendment to the European Standard EN 50085-2-1:2006 was prepared by the Technical Committee CENELEC TC 213, Cable management systems. It is submitted to the CENELEC enquiry.

Draft for Enquiry

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Text of prAA to EN 50085-2-1:2006

10 10.101 Compression test for CDS

11 **Replacement:**

12 CDS shall have adequate resistance to compression to ensure that insulated conductors or
13 cables can be drawn in.

14 *Compliance is checked by the following test:*

15 *The test is carried out on a ducting length (250 ± 5) mm long. The sample is positioned in its
16 most unfavourable position allowed by the manufacturer's instruction on a flat and horizontal
17 steel support.*

18 NOTE In case of doubt on the most unfavourable position, more than one position can be tested.

19 *A steel cube of $(50 \pm 0,5)$ mm with an edge radius of approximately 1 mm is placed with one face
20 horizontal approximately in the middle of the length of the sample and in the most unfavourable
21 position in the width of the sample. The distance $D1$ between the horizontal support and the face
22 of the cube in contact with the sample is measured (Figure 109).*

23 *A compression force according to 6.104 with a tolerance of ${}^{+4}_{0}\%$ within (30 ± 3) s is applied
24 through the cube.*

25 *After the force has been applied for (60 ± 2) s, the distance $D2$ between the horizontal support
26 and the face of the cube in contact with the sample is measured without removing the force.*

27 *The difference between $D1$ and $D2$ shall not exceed 25 % of $D1$. The force is maintained during
28 (60 ± 2) s. The force and the cube are removed.*

29 *The cube is placed in its original position and the distance $D3$ between the horizontal support
30 and the face of the cube coming into contact with the sample is measured.*

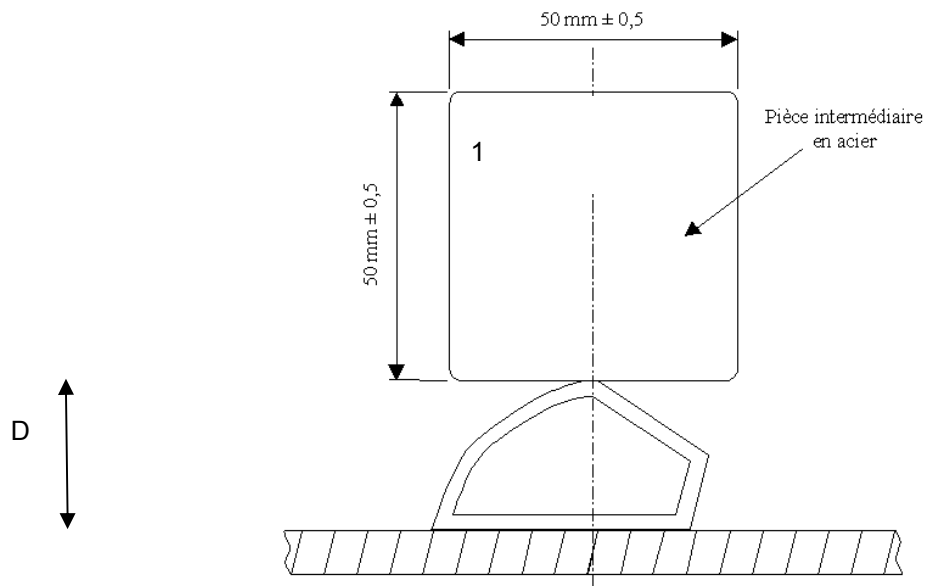
31 *The difference between $D1$ and $D3$ shall not exceed 10 % of $D1$.*

32 *Compliance with measurement of $D3$ made before 15 min is sufficient.*

33 *After the test, the sample shall show no cracks visible to normal or corrected vision without
34 additional magnification.*

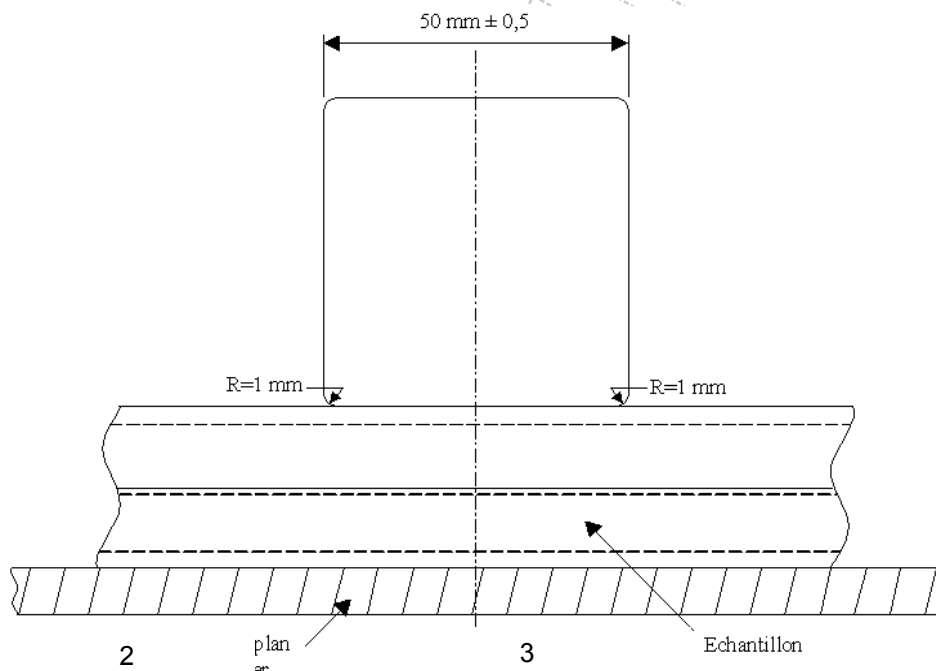
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Key

- 1 Steel cube
- 2 Flat steel support
- 3 Sample
- D Distance between the horizontal support and the face of the cube in contact with the sample

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Figure 109 - Example of arrangement for CDS compression test

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