



SLOVENSKI STANDARD

oSIST prEN 50520:2008

01-april-2008

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Cover plates and foils for the protection and warning of the location of cables or buried conduits in underground installations

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29.060.01

oSIST prEN 50520:2008

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**Cover plates and foils for the protection and warning of the location of
cables or buried conduits in underground installations**

To be completed

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This draft European Standard is submitted to CENELEC members for CENELEC enquiry.
Deadline for CENELEC: 2008-07-11.

It has been drawn up by CLC/TC 213.

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

This draft European Standard 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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CENELEC

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

Central Secretariat: rue de Stassart 35, B - 1050 Brussels

Foreword

This draft European Standard was prepared by the Technical Committee CENELEC TC 213, Cable management systems. It is submitted to the CENELEC enquiry.

A cover plate or a cover foil which conforms to this European Standard is deemed to be safe for use.

This is a European Standard for cable management products used for electro-technical purposes. It relates to the Council Directives on the approximation of laws, regulations and administrative provisions of the Member States relating to Low Voltage Directive 2006/95/EC through consideration of the essential requirements of this directive.

This European Standard is supported by separate standards to which references are made.

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1 Scope

This European Standard establishes the requirements and tests for cover plates and cover foils used for the mechanical protection, identification and warning of the location of cables buried underground.

This European Standard does not apply to meshes and tapes falling under EN 12613.

2 Normative references

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

EN 12613, *Plastic warning devices for underground cables and pipelines with visual characteristics*

IEC 60417 (database), *Graphical symbols for use on equipment*

ISO 3864 (series), *Graphical symbols - Safety colours and safety signs*

3 Definitions

For the purpose of this standard, the following definitions apply

3.1 cover plates

plates that, united one to each other, intend to protect against the mechanical damage, identify and to advertise in a durable and wide way the underground installations (cables or conduits) in all their extension (longitude and width), above the sand ballast, what it refers to both, signalling and resistance

3.2 cover foil

foils that intend to protect against the mechanical damage, identify and to advertise in a durable and wide way the underground installations (cables or conduits) in all their extension (longitude and width), above the sand ballast, what it refers to both, signalling and resistance

4 Main characteristics

The cover plates and the cover foils shall be designed and installed in such a way that is achieved a protection and warning of either a group of cables or conduits in all their extension (longitude and width). In normal use, their performance shall be reliable and without danger to the user or the surroundings within the meaning of this standard.

Compliance is checked by meeting all the relevant requirements and tests specified.

5 General conditions for tests

Tests described under Clauses 7 to 10 shall be made to prove compliance with the requirements laid down in this standard.

NOTE Annex A provides an overview of the tests to be applied on the cover plates and cover foils.