

Teekattemärgised. Kattehelkurid. Osa 1: Esmased toimivusnõuded

Road marking materials - Retroreflecting road studs -
Part 1: Initial performance requirements

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

Käesolev Eesti standard EVS-EN 1463-1:2009 sisaldab Euroopa standardi EN 1463-1:2009 ingliskeelset teksti.

Standard on kinnitatud Eesti Standardikeskuse 30.04.2009 käskkirjaga ja jõustub sellekohase teate avaldamisel EVS Teatajas.

Euroopa standardimisorganisatsioonide poolt rahvuslikele liikmetele Euroopa standardi teksti kättesaadavaks tegemise kuupäev on 25.03.2009.

Standard on kättesaadav Eesti standardiorganisatsioonist.

This Estonian standard EVS-EN 1463-1:2009 consists of the English text of the European standard EN 1463-1:2009.

This standard is ratified with the order of Estonian Centre for Standardisation dated 30.04.2009 and is endorsed with the notification published in the official bulletin of the Estonian national standardisation organisation.

Date of Availability of the European standard text 25.03.2009.

The standard is available from Estonian standardisation organisation.

ICS 93.080.30

Võtmesõnad: fotomeetrilised omadused, kolorimeetrilised omadused, laborikatse, märgistus, määratlused, nähtavus, signaliseerimine, teed, testimine, valgustpeegeldavad vahendid, värvsus

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English Version

**Road marking materials - Retroreflecting road studs - Part 1:
Initial performance requirements**

Produits de marquage routier - Plots rétro réfléchissants -
Partie 1 : Exigences initiales de performance

Straßenmarkierungsmaterialien - Markierungsknöpfe - Teil
1: Anforderungen im Neuzustand

This European Standard was approved by CEN on 17 February 2009.

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Foreword

This document (EN 1463-1:2009) has been prepared by Technical Committee CEN/TC 226 "Road equipment", the secretariat of which is held by AFNOR.

This document EN 1463-1 2009 shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by September 2009, and conflicting national standards shall be withdrawn at the latest by September 2009.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN [and/or CENELEC] shall not be held responsible for identifying any or all such patent rights.

This European Standard supersedes EN 1463-1:1997 and EN 1463-1:1997/A1:2003.

The technical change incorporated in this revision is the Table ZA.1 in Annex ZA.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland and the United Kingdom.

Introduction

In Mandate M/111, there is a clear requirement for durability in use. In order to meet this requirement, EN 1463-1 specifies, in Annex ZA Table ZA.1, the standard EN 1463-2 (Road test performance specifications).

However, in the current Table ZA.1, the classes S0 and R0 (no performance determined) are included (just as a way to reflect the result of the mentioned durability test, which requires 1-year of road exposure for the applicant studs) and some notified bodies have interpreted this as meaning that it is not required to test to EN 1463-2 and consequently CE marks are being granted without durability being tested. However, in other cases, the mentioned test has been carried out; therefore, both types of road studs are now in the market granting a “well different” class of CE-marking.

In order to rectify this unsatisfactory situation it is proposed to amend the requirement for “R” to become R1 to R4 - i.e. eliminating R0, which might have caused the confusion, and thus meaning that a road test has to be carried out and the requirement for durability is met. In addition, it is also proposed that the requirement for “S” is deleted as this is not necessary to also have this to ensure durability is tested.

1 Scope

This European Standard specifies the initial performance requirements and laboratory test methods for retroreflecting road studs intended for use as permanent and temporary road marking materials.

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 1463-2:2000, *Road marking materials – Retroreflecting road studs – Part 2: Road test performance specifications*

ISO 10526, *CIE standard illuminants for colorimetry*

ISO 10527, *CIE standard colorimetric observers*

CIE publication No. 054.2-2001, *Retroreflection: Definition and measurement*

IEC/CIE publication No. 017.4-1987, *International lighting vocabulary, 4th ed. (Joint publication IEC/CIE)*