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segud KONSOLIDEERITUD TEKST**

Road marking materials - Drop on materials - Glass
beads, antiskid aggregates and mixtures of the two
CONSOLIDATED TEXT

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

Käesolev Eesti standard EVS-EN 1423:2007 sisaldab Euroopa standardi EN 1423:1997+A1:2003 ingliskeelset teksti. Käesolev dokument on jõustatud 23.11.1999 ja selle kohta on avaldatud teade Eesti standardiorganisatsiooni ametlikus väljaandes. Standard on kättesaadav Eesti standardiorganisatsioonist.	This Estonian standard EVS-EN 1423:2007 consists of the English text of the European standard EN 1423:1997+A1:2003. This document is endorsed on 23.11.1999 with the notification being published in the official publication of the Estonian national standardisation organisation. The standard is available from Estonian standardisation organisation.
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ICS 93.080.20

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EUROPEAN STANDARD

EN 1423

NORME EUROPÉENNE

EUROPÄISCHE NORM

August 1997

ICS 93.080.20

Descriptors: roads, signalling, marking, balls, glass, aggregates, definitions, grain size, specifications, quality, defects tolerances, sampling

English version

Road marking materials - Drop on materials - Glass beads, antiskid aggregates and mixtures of the two

Produits de marquage routier - Produits de saupoudrage - Microbilles de verre, granulats antidérapants et mélange de ces deux composants

Straßenmarkierungsmaterialien - Nachstreumittel - Glasperlen, Griffigkeitsmittel und Nachstreugemische

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CEN

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

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Contents

Foreword.....	3
1 Scope	4
2 Normative references	4
3 Definitions	5
4 Requirements for glass beads.....	5
5 Requirements for antiskid aggregates.....	8
6 Mixture of glass beads and antiskid aggregate.....	10
7 Sampling	10
8 Marking.....	11
Annex A (normative) Test method to determine the refractive index of the glass beads.....	12
Annex B (normative) Test methods to determine the resistance of the glass beads to the effects of water, hydrochloric acid, calcium chloride and sodium sulfide.....	15
Annex C (normative) Glass bead imperfections.....	17
Annex D (normative) Test method to determine the quality of the glass beads	21
Annex E (normative) Test method to determine the presence of the moisture proof coating.....	25
Annex F (normative) Test method to determine the presence of floatation coating	26
Annex G (normative) Test method to determine the friability index of the antiskid aggregates	27

Foreword

This European Standard has been prepared by Technical Committee CEN/TC 226 "Road equipment", the secretariat of which is held by AFNOR.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by February 1998, and conflicting national standards shall be withdrawn at the latest by February 1998.

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

1 Scope

This European Standard specifies the requirements for laboratory tests (production control) and qualification procedures for the following drop on materials used in road markings.

These materials are dropped on to paints, thermoplastics, cold plastics and any other marking product applied in a liquid state, immediately after application to the road surface.

The requirements taken into consideration in this standard are :

- glass beads : granulometry, refractive index of the glass, chemical resistance, quality, surface treatments
- antiskid aggregates : granulometry, chemical characteristics, friability, colour ;
- mixtures of glass beads and antiskid aggregates; and the requirements for both components.

2 Normative references

This European Standard incorporates by dated or undated reference, provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this European Standard only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies.

ISO 565	Test sieves - Metal wire cloth, perforated metal plate and electroformed sheet - Nominal sizes of openings
ISO 787-9	General methods of test for pigments and extenders - Part 9 : Determination of pH value of an aqueous suspension
ISO 2591-1	Test sieving - Part 1 : Methods using test sieves of woven wire cloth and perforated metal plate
ISO 7724-2	Paints and varnishes - Colorimetry - Part 2 : Colour measurement
ISO/CIE 10526	CIE Standard colorimetric illuminants

3 Definitions

For the purpose of this standard, the following definitions apply :

3.1 glass bead

Transparent spherical glass particle, used to provide night visibility for the road markings by retroreflecting the incident headlight beams of a vehicle towards the driver.