

**Road marking materials - Quality control - Part
1: Sampling from storage and testing**

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

Käesolev Eesti standard EVS-ENV 13459-1:2000 sisaldab Euroopa standardi ENV 13459-1:1999 ingliskeelset teksti.

Standard on kinnitatud Eesti Standardikeskuse 18.02.2000 käskkirjaga ja jõustub sellekohase teate avaldamisel EVS Teatajas.

Standard on kättesaadav Eesti standardiorganisatsioonist.

This Estonian standard EVS-ENV 13459-1:2000 consists of the English text of the European standard ENV 13459-1:1999.

This standard is ratified with the order of Estonian Centre for Standardisation dated 18.02.2000 and is endorsed with the notification published in the official bulletin of the Estonian national standardisation organisation.

The standard is available from Estonian standardisation organisation.

ICS 93.080.20

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ICS 93.080.20

English version

Road marking materials - Quality control - Part 1: Sampling from
storage and testing

Produits de marquage routier - Contrôle de la qualité -
Partie 1: Echantillonnage sur stock et essais

Straßenmarkierungsmaterialien - Qualitätskontrolle - Teil 1:
Probenahme an rückgestellter Produktion und Prüfung

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Foreword

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

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

This European Prestandard consists of the following Parts under the general title: Road marking materials – Quality control:

- Part 1: Sampling from storage and testing
- Part 2: Guidelines for preparing quality plans for materials application
- Part 3: Performance in use

Road studs are included in Part 1 and 2 but not in Part 3.

1 Scope

This Part specifies methods to obtain representative samples of road marking materials for testing and gives the appropriate test methods. The methods to obtain representative samples are described as appropriate for the main product types, i.e. paint, cold plastics, thermoplastics, premix glass beads, drop-on materials, preformed road markings and retroreflecting road studs.

This Part applies to the verification and/or identification of road marking materials held in stock, for example in a warehouse or at the manufacturer's storage facility, or for materials delivered to a customer, which require checking prior to application.

2 Normative references

This European Prestandard 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 Prestandard only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies.

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|-----------|---|
| EN 1423 | Road marking materials - Drop on materials - Glass beads, antiskid aggregates and mixtures of the two |
| EN 1424 | Road marking materials - Premix glass beads |
| EN 1463-1 | Road marking materials - Retroreflecting road studs – Part 1: Initial performance requirements |

EN 1790	Road marking materials – Preformed road markings
prEN 1871	Road marking materials - Physical properties
prEN 12802	Road equipment - Horizontal signalization - Laboratory methods and identification
ISO 1512:1991	Paints and varnishes - Sampling of products in liquid or paste form

3 Definitions

For the purposes of this Standard, the following definitions apply:

- 3.1 Original product container:** The primary packaging of each batch of a road marking material.
- 3.2 Intermediate bulk container (IBC):** Container with a capacity of up to 1000 kg, used as an intermediate size between bags and tins (25 kg to 50 kg) and bulk transport.
- 3.3 Hardener:** A component of the road marking material which through chemical action will cause the product to harden.

4 Sampling procedures

NOTE: Clause 4 specifies the procedure for the selection of original product containers and for obtaining representative samples from a stock for subsequent inspection and testing.

4.1 General

- 4.1.1** When a series of original product containers to be examined can be identified as being from a single batch, the number of containers to be selected for sampling shall be 1%. Not less than two and not more than five containers shall be selected for sampling.
- 4.1.2** When a series of original product containers to be examined can be identified as being from different batches, the sampling shall be organized as follows. Determine the number of batches and refer to table 1 to obtain the number of batches to be selected for sampling. The number of original product containers to be selected for sampling from each batch for testing shall be 1 %. Not less than two and not more than five containers shall be selected for sampling for each batch.