

**Road marking materials - Requirements for factory
production control**

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EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

Käesolev Eesti standard EVS-EN 13212:2011 sisaldab Euroopa standardi EN 13212:2011 ingliskeelset teksti.

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English Version

Road marking materials - Requirements for factory production control

Produits de marquage routier - Exigences pour le contrôle de la production en usine

Straßenmarkierungsmaterialien - Anforderungen an die werkseigene Produktionskontrolle

This European Standard was approved by CEN on 22 April 2011.

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Foreword

This document (EN 13212:2011) 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of an identical text or by endorsement, at the latest by December 2011, and conflicting national standards shall be withdrawn at the latest by December 2011.

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.

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The Annex A of this European Standard is normative.

This European Standard is one of a package of inter-related European Standards with a common date of withdrawal (dow) fixed on December 2011 (*including the request of an extension for the co-existence period*):

- EN 1790, *Road marking materials — Preformed road markings*,
- EN 1824, *Road marking materials — Road trials*,
- EN 1871, *Road marking materials — Paint, thermoplastic and cold plastic materials - Specifications*,
- EN 12802, *Road marking materials — Laboratory methods for identification*,
- EN 13197, *Road marking materials — Wear simulator Turntable*,
- EN 13212, *Road marking materials — Requirements for factory production control*,
- EN 13459, *Road marking materials — Sampling and testing*.

1 Scope

This document gives the requirements for factory production control (FPC) for the manufacturer of road marking materials

This document specifies which types of test have to be taken into consideration within the FPC but it leaves the precise methods to be applied to be dependent on the characteristics of the manufacturer's installation and production methods. The precise parameters and methods will be found in the written procedures agreed between the manufacturer and the third party responsible for the initial assessment of the FPC.

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 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 (all parts), *Road marking materials — Retroreflecting road studs*

EN 1790, *Road marking materials — Preformed road markings*

EN 1871, *Road marking materials — Paint, thermoplastic and cold plastic materials — Specifications*

EN 12802, *Road marking materials — Laboratory methods for identification*

EN ISO 9001:2008, *Quality management systems — Requirements (ISO 9001:2008)*

ISO 5725-2, *Accuracy (trueness and precision) of measurement methods and results — Part 2: Basic method for the determination of repeatability and reproducibility of a standard measurement method*

3 Terms and definitions

For the purpose of this document, the following terms and definitions apply.

3.1

retained sample

sample, labelled and stored for some period of time, to be used in case additional testing or verification is needed

3.2

batch

amount of product produced as one complete operation not being part of a continuous process

3.3

factory production control (FPC)

permanent internal control of production exercised by the product manufacturer

3.4.

factory

single site of production consisting of one or more production lines where raw materials are converted into final products