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Road marking materials - Temporary road markings

Táto norma obsahuje anglickú verziu európskej normy.
This standard includes the English version of the European Standard.

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 01/26

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NORME EUROPÉENNE

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English Version

Road marking materials - Temporary road markingsProduits de marquage routier - Marquages routiers
temporairesStraßenmarkierungsmaterialien - Vorübergehend
gültige Straßenmarkierungsmaterialien

This European Standard was approved by CEN on 12 October 2025.

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EN 18124:2025 (E)**European foreword**

This document (EN 18124:2025) 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of an identical text or by endorsement, at the latest by May 2026, and conflicting national standards shall be withdrawn at the latest by May 2026.

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

Any feedback and questions on this document should be directed to the users’ national standards body. A complete listing of these bodies can be found on the CEN website.

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Introduction

Temporary road markings can be made by using preformed or non-preformed road marking materials.

Temporary 'preformed' road marking products include tape, preformed cold plastic or preformed thermoplastic road marking.

Preformed road marking products are fully finished during manufacturing and do not change significantly their properties during application. They can be applied by means of adhesives, pressure or heat, with or without the use of a primer.

'Assemblies' are the base road marking material (paint, thermoplastic or cold plastic) together with the drop-on materials and / or premix glass beads needed to build up the applied road marking.

Temporary road markings are sometimes applied with a view for later removal and therefore the specific property of "removability" can be required. See Annex A for more detail.

There are two different concepts for the use of temporary road markings:

- 1) Apply temporary road markings side by side with the existing permanent road marking to delineate new lanes, e.g. in work zones.

In order to differentiate the relevant temporary markings from the existing permanent markings, a different colour may be used (e.g. yellow or orange). It is good practice to specify higher visibility performance for the temporary markings in respect to the permanent markings, to ensure superior visibility during all driving conditions, wet and rain.

In case that yellow temporary markings should be clearly differentiated from permanent white markings, it is recommended to specify the daytime colour class Y2. Also night-time colour may be specified.

Special care should be given for the road presence and good adhesion of preformed temporary road markings. Detailed application instructions, including the use of primers and the climatic conditions allowing the safe application of the preformed marking should be given by the manufacturer.

- 2) Remove or optionally mask the permanent road markings in compliance with national requirements and delineate new lanes with temporary road markings. No special provisions are needed for this concept. Any of the colours, also yellow of class Y1 may be used, following the national specifications.

Release of dangerous substances

NOTE 1 National regulations on dangerous substances can require verification and declaration on release, and sometimes content, when construction products covered by this document are placed on those markets.

NOTE 2 In the absence of European harmonized test methods, attention is drawn to national provisions in the place of use regarding the verification and declaration on release/content.

NOTE 3 An informative database covering European and national provisions on dangerous substances is available at the Construction website on EUROPA accessed through:

https://single-market-economy.ec.europa.eu/tools-databases/cp-ds-legislation-substances-construction-products_en

EN 18124:2025 (E)**1 Scope**

This document specifies white, yellow and orange road markings, removable or non-removable, under the form of road marking assemblies or preformed road markings, to be used for temporary road markings in circulation areas. Other road marking products and colours intended for temporary road markings are not covered in this document.

This document also gives specifications for the evaluation of conformity of temporary road markings in circulation areas including type testing and factory production control.

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements 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 1436:2018, *Road marking materials - Road marking performance for road users and test methods*

EN 1824:2020, *Road marking materials — Road trials*

EN 13197:2011+A1:2014, *Road marking materials — Wear simulator Turntable*

EN 13459:2011, *Road marking materials - Sampling from storage and testing*

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