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Road marking materials - Paint, thermoplastic and cold plastic materials - Physical properties

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

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English Version

Road marking materials - Paint, thermoplastic and cold plastic materials - Physical properties

Produits de marquage routier - Peintures, enduits à froid et à chaud - Propriétés physiques

Straßenmarkierungsmaterialien - Markierungsfarben, Kaltplastikmassen und Heißplastikmassen - Physikalische Eigenschaften

This European Standard was approved by CEN on 19 July 2020.

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European foreword

This document (EN 1871:2020) 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of an identical text or by endorsement, at the latest by April 2021, and conflicting national standards shall be withdrawn at the latest by April 2021.

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This document supersedes EN 1871:2000.

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EN 1871:2020 (E)**1 Scope**

This document covers testing of physical properties of road marking materials by laboratory methods. The products covered and specified by this document are white and yellow paint, thermoplastic and cold plastic materials, with or without premix glass beads, to be used for permanent and/or temporary road markings on highways and other areas used by vehicular traffic. Other products and colours intended for road markings are not covered in this document.

Not all physical properties listed in this document have to be specified.

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 12802, *Road marking materials - Laboratory methods for identification*

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

EN ISO 787-11, *General methods of test for pigments and extenders - Part 11: Determination of tamped volume and apparent density after tamping (ISO 787-11)*

EN ISO 1514, *Paints and varnishes - Standard panels for testing (ISO 1514)*

EN ISO 2812-1, *Paints and varnishes - Determination of resistance to liquids - Part 1: Immersion in liquids other than water (ISO 2812-1)*

EN ISO 4892-3, *Plastics - Methods of exposure to laboratory light sources - Part 3: Fluorescent UV lamps (ISO 4892-3)*

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