

**Värvid ja lakid. Kattematerjalid ja kattesüsteemid
välismüüritiste ja betooni jaoks. Osa 1: Liigitus**

Paints and varnishes - Coating materials and coating systems for exterior masonry and concrete - Part 1: Classification

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

Käesolev Eesti standard EVS-EN 1062-1:2000 sisaldab Euroopa standardi EN 1062-1:1996 ingliskeelset teksti.

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English version

**Paints and varnishes - Coating materials and
coating systems for exterior masonry and
concrete - Part 1: Classification**

Peintures et vernis - Produits de peinture et
systèmes de peintures pour maçonnerie
extérieure et béton - Partie 1: Classification

Lacke und Anstrichstoffe - Beschichtungsstoffe
und Beschichtungssysteme für mineralische
Untergründe und Beton im Außenbereich - Teil 1:
Einteilung

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CEN

European Committee for Standardization
Comité Européen de Normalisation
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Foreword

This European Standard has been prepared by CEN/TC 139 "Paints and varnishes" the secretariat of which is held by DIN.

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of an identical text or by endorsement, at the latest by April 1997, and conflicting national standards shall be withdrawn at the latest by April 1997.

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

Introduction

This is one of a number of Parts of EN 1062. The present intention is to develop further Parts relating to test methods and performance requirements. The following Parts will be published under the same general title:

- Part 2: Determination and classification of water-vapour transmission rate (permeability)
- Part 3: Determination and classification of liquid-water transmission rate (permeability)

- Part 4: Exposure of exterior coatings for masonry to UV radiation and water in apparatus
- Part 6: CO₂ permeability
- Part 7: Crack bridging
- Part 8: Behaviour against algae and fungi
- Part 9: Dirt pick-up resistance
- Part 10: Specifications of masonry coatings

The names used today to describe coating materials and coating systems pay little regard to technical, functional and end use categories. This makes it difficult to devise an unequivocal simple terminology applicable to all product types. This Part of EN 1062 attempts to address this problem by separately defining categories of appearance and end use, but with no assumptions as to whether or not a given product, by its appearance alone, will be suitable for a particular use. The objective is to avoid misuse of coating systems by the misunderstanding or overstatement of performance claims.

The treatment of exterior masonry surfaces has aesthetic and/or protective functions. The results of such treatments include the following:

- **preservation** of the original state and appearance of the substrate;
- **decoration** of the surfaces by changing or restoring the appearance;
- **protection** of the substrate against aesthetic and/or functional deterioration, for example due to weathering influences.

This Part of EN 1062 identifies criteria that need to be considered when assessing the suitability of a coating system for a particular end use and provides a framework for communicating this information between manufacturer and user. This should assist in the removal of technical barriers to trade. It is the responsibility of the manufacturer of a coating system to designate the appropriate categories for end use and appearance.

NOTE: Where applicable, the relevant properties can also be used to describe products designed for use on interior surfaces of buildings.

1 Scope

This European Standard specifies a general system for the classification of coating materials and coating systems for the preservation, decoration and protection of

exterior new and old, coated or uncoated masonry. It also includes an optional classification system based on certain physical properties.

This European Standard is applicable to all coating materials and coating systems for masonry, including those intended for use in association with organic binder renderings and thermal insulation systems.

Recommendations for special coating systems for masonry are given in annex A.

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.

EN 971-1	1996	Paints and varnishes - Terms and definitions for coating materials - Part 1: General terms
EN 21524		Paints and varnishes - Determination of fineness of grind (ISO 1524, edition 1983)
ISO 787-7		General methods of test for pigments and extenders - Part 7: Determination of residue on sieve - Water method - Manual procedure
ISO 787-18		General methods of test for pigments and extenders - Part 18: Determination of residue on sieve - Mechanical flushing procedure
ISO 2813	1994	Paints and varnishes - Determination of specular gloss of non-metallic paint films at 20°, 60° and 85°
ISO 3233		Paints and varnishes - Determination of volume of dry coating (non-volatile matter) obtained from a given volume of liquid coating

3 Definitions

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

3.1 coating material: A product, in liquid or in paste or powder form, that, when