

Irish Standard Recommendation S.R. CEN/TR 17024:2017

Natural stones - Guidance for use of natural stones

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S.R. CEN/TR 17024:2017

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National Foreword

S.R. CEN/TR 17024:2017 is the adopted Irish version of the European Document CEN/TR 17024:2017, Natural stones - Guidance for use of natural stones

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TECHNICAL REPORT

CEN/TR 17024

RAPPORT TECHNIQUE

TECHNISCHER BERICHT

January 2017

ICS 91.100.15

English Version

Natural stones - Guidance for use of natural stones

Pierres naturelles - Guide d'emploi des pierres naturelles

Naturstein - Leitfaden für die Anwendung von Natursteinen

This Technical Report was approved by CEN on 13 September 2016. It has been drawn up by the Technical Committee CEN/TC 246.

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CEN/TR 17024:2017 (E)

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European foreword

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Introduction

Product standards for natural stone are issued by the European committee for standardization and deal with stone masonry, tiles and slabs for cladding, flooring and stairs.

Producers in countries outside the European Union might not be familiar with these product standards. Therefore, the scope of this document is to inform and assist the user in order to provide recommendations for the proper use of natural stone and the requirements of the product standards regulating their being placed on the market within the countries comprising the European Union.

1 Scope

This Technical Report applies to natural stone products intended for masonry elements, wall coverings (including tiles), internal floor and stair finishes (including tiles) and exterior floor and stair finishes (including paving), as well as massive stone elements.

It provides guidance for the application and use of natural stone products in accordance with European product standards.

This Technical Report does not deal with coatings or staining problems, and does not take into account treatments that could modify the performance characteristics of the materials.

This Technical Report does not apply to agglomerated stones and aggregates.

2 Normative references

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

EN 771-6, Specification for masonry units — Part 6: Natural stone masonry units

EN 772-1, Test methods for masonry units — Part 1: Determination of compressive strength

EN 772-11, Methods of test for masonry units - Part 11: Determination of water absorption of aggregate concrete, autoclaved aerated concrete, manufactured stone and natural stone masonry units due to capillary action and the initial rate of water absorption of clay masonry units

EN 1341, Slabs of natural stone for external paving - Requirements and test methods

EN 1342, Setts of natural stone for external paving - Requirements and test methods

EN 1343, Kerbs of natural stone for external paving - Requirements and test methods

EN 1467, Natural stone - Rough blocks - Requirements

EN 1468, Natural stone - Rough slabs - Requirements

EN 1469, Natural stone products - Slabs for cladding - Requirements

EN 1925, Natural stone test methods - Determination of water absorption coefficient by capillarity

EN 1926, Natural stone test methods - Determination of uniaxial compressive strength

EN 1936, Natural stone test methods - Determination of real density and apparent density, and of total and open porosity

EN 12057, Natural stone products - Modular tiles - Requirements

EN 12058, Natural stone products - Slabs for floors and stairs - Requirements

EN 12059, Natural stone — Finished products, dimensional stone work Requirements

EN 12371, Natural stone test methods - Determination of frost resistance

EN 12372, Natural stone test methods - Determination of flexural strength under concentrated load



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