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Prøvningsmetoder for natursten – Bestemmelse af modstandsevne overfor saltkrystallisation

Natural stone test methods – Determination of resistance to salt crystallisation

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EUROPÄISCHE NORM

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ICS 73.020; 91.100.15

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English Version

Natural stone test methods - Determination of resistance to salt crystallisation

Méthodes d'essai pour pierres naturelles
- Détermination de la résistance à
la cristallisation des sels

Prüfverfahren für Naturstein - Bestimmung des
Widerstandes gegen Kristallisation von Salzen

This European Standard was approved by CEN on 1 December 2019.

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This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the CEN-CENELEC Management Centre has the same status as the official versions.

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EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
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Contents

Page

European foreword	3
Introduction	4
1 Scope	5
2 Normative references	5
3 Terms and definitions	5
4 Symbols	5
5 Principle	5
6 Apparatus	5
7 Preparation of specimens	6
7.1 Sampling	6
7.2 Dimensions of test specimens	6
7.3 Washing	6
7.4 Drying	6
8 Procedure	6
9 Expression of results	7
10 Test report	7
Bibliography	9

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European foreword

This document ([EN 12370:2020](#)) has been prepared by Technical Committee CEN/TC 246 "Natural stones", the secretariat of which is held by UNI.

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of an identical text or by endorsement, at the latest by September 2020, and conflicting national standards shall be withdrawn at the latest by September 2020.

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.

This document supersedes [EN 12370:1999](#).

The significant changes between this document and the previous edition are listed herewith:

— updating of [Clause 8](#).

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Introduction

This document describes a test designed to assess the salt crystallization resistance of natural stones where it is relevant. The test cannot be used in isolation and results will be considered with other physical tests to indicate durability; these include [EN 12371](#) "Determination of frost resistance".

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Natural stone test methods – Determination of resistance to salt crystallisation

1 Scope

This document specifies a test method to assess the relative resistance of natural stones with an open porosity of greater than 5 %, measured in accordance with [EN 1936](#), to damage caused by the crystallization of salts. The test is not necessary for low porosity stones.

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 12407](#), *Natural stone test methods — Petrographic examination*

[EN 12440](#), *Natural stone — Denomination criteria*