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

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

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English Version

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

Méthodes d'essai pour pierres naturelles - Détermination de la résistance à la flexion sous charge centrée

Prüfverfahren für Naturstein - Bestimmung der Biegefestigkeit unter Mittellinienlast

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Ref. No. EN 12372:2022 E

Contents

Page

European foreword

This document (EN 12372:2022) 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of an identical text or by endorsement, at the latest by September 2022, and conflicting national standards shall be withdrawn at the latest by September 2022.

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 12372:2006.

In comparison with the previous edition, the following technical modifications have been made:

— inclusion of an informative annex (Annex B) presenting an alternative method for calculation of flexural strength for off-centre specimen fracture.

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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1 Scope

This document specifies a test method for determination of flexural strength under a concentrated load for natural stone. Both an identification and a technological product testing procedure are included.

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 12390-4, *Testing hardened concrete - Part 4: Compressive strength - Specification for testing machines*