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**NATURAL STONE TEST METHODS -
PETROGRAPHIC EXAMINATION**

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Méthodes d'essai de pierres naturelles - Examen
pétrographique

Prüfverfahren für Naturstein - Petrographische Prüfung

This European Standard was approved by CEN on 21 January 2007.

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Foreword

This document (EN 12407:2007) 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of an identical text or by endorsement, at the latest by September 2007, and conflicting national standards shall be withdrawn at the latest by September 2007.

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Introduction

A petrographic description of natural stone is important not only for the purposes of petrographic classification but also in order to highlight features influencing its chemical, physical and mechanical behaviour. In the same way the determination of the stone's origin could be necessary (e.g. in the case of restoration of historical monuments). It is therefore essential to characterize the natural stones not only from the point of view of their mineral components and of their fabric and structure but also in terms of any features as: colour, presence of veins, of fossils, of discontinuities, etc.

To ensure that the petrographic classification is objective, it is essential that the characterization of the material be, as far as possible, quantitative.

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