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Bevarande av kulturarv – Riktlinjer för karaktärisering av natursten

Conservation of Cultural Heritage – Guidelines to characterize natural stone used in cultural heritage

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EUROPEAN STANDARD

EN 16515

NORME EUROPÉENNE

EUROPÄISCHE NORM

April 2015

ICS 97.195

English Version

Conservation of Cultural Heritage - Guidelines to characterize natural stone used in cultural heritage

Conservation du patrimoine culturel - Lignes directrices
pour la caractérisation de la pierre naturelle utilisée dans le
patrimoine culturel

Erhaltung des kulturellen Erbes - Leitfaden zur
Charakterisierung von Naturstein in der Denkmalpflege

This European Standard was approved by CEN on 7 February 2015.

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COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

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Foreword

This document (EN 16515:2015) has been prepared by Technical Committee CEN/TC 346 “Conservation of Cultural Heritage”, 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of an identical text or by endorsement, at the latest by October 2015 and conflicting national standards shall be withdrawn at the latest by October 2015.

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Introduction

The characterization of a stone is an essential step for a conservation plan, in order to decide on appropriate remedial interventions, to achieve better working practices, and technologies for conservation interventions including stone replacements. Therefore, it is important that it is achieved through a consistent and uniform methodology.

This document provides cultural heritage professionals with a guidance for a common methodology for the characterization of stones used in cultural heritage. This information is used to define nature (petrography or mineralogy and texture) and properties (chemical, physical and mechanical) of stone.

The characterization of stones used in cultural heritage should be carried out and interpreted by professionals experienced in the field of materials science and/or conservation/restoration.