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**Preskušanje naravnega kamna - Ugotavljanje hitrosti širjenja zvoka**

Natural stone test methods - Determination of sound speed propagation

Prüfverfahren für Naturstein - Bestimmung der Geschwindigkeit der Schallausbreitung

Méthodes d'essai pour pierres naturelles - Détermination de la vitesse et propagation du son

**Ta slovenski standard je istoveten z: prEN 14579**

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| 91.100.15 | Mineralni materiali in izdelki       | Mineral materials and products |

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EUROPEAN STANDARD  
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**DRAFT**  
**prEN 14579**

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ICS 73.020; 91.100.15

Will supersede EN 14579:2004

English Version

**Natural stone test methods - Determination of sound  
speed propagation**

Méthodes d'essai pour pierres naturelles -  
Détermination de la vitesse et propagation du son

Prüfverfahren für Naturstein - Bestimmung der  
Geschwindigkeit der Schallausbreitung

This draft European Standard is submitted to CEN members for enquiry. It has been drawn up by the Technical Committee CEN/TC 246.

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## European foreword

This document (prEN 14579:2026) has been prepared by Technical Committee CEN/TC 246 “Natural stones”, the secretariat of which is held by UNI.

This document is currently submitted to the CEN Enquiry.

This document will supersede EN 14579:2004.

EN 14579:2026 includes the following significant technical changes with respect to EN 14579:2004:

- inclusion of the possibility to measure the sound speed propagation with an apparatus using a fixed distance between the transducer and transponder.

This standard is one of the series for tests on natural stone.

Test methods for natural stone consist of the following parts:

- EN 12370, Natural stone test methods — *Determination of resistance to salt crystallization*
- EN 12372, Natural stone test methods — *Determination of flexural strength under concentrated load*
- EN 12407, Natural stone test methods — *Petrographic examination*
- EN 13161, Natural stone test methods — *Determination of flexural strength under constant moment*
- EN 13364, Natural stone test methods — *Determination of the breaking load at dowel hole*
- EN 13373, Natural stone test methods — *Determination of geometric characteristics on units*
- EN 13755, Natural stone test methods — *Determination of water absorption at atmospheric pressure*
- EN 14066, Natural stone test methods — *Determination of resistance to ageing by thermal shock*
- EN 14231, Natural stone test methods — *Determination of the slip resistance by means of the pendulum tester*
- EN 14157, Natural stone test methods — *Determination of abrasion resistance*
- EN 14158, Natural stone test methods — *Determination of rupture energy*
- EN 14580, Natural stone test methods — *Determination of the static elastic modulus*
- EN 14581, Natural stone test methods — *Determination of linear thermal expansion coefficient*