DIN EN 1343:2013-03 (E)

Kerbs of natural stone for external paving - Requirements and test methods

Contents

Page

Foreword 4

1 Scope 5

2 Normative references 5

3 Terms and definitions 5

4 Requirements and test methods for slabs of natural stone 9
4.1 Introduction 9
4.1.1 General 9
4.1.2 Denomination 9
4.1.3 Alteration of physical properties of the natural stone 9
4.2 Dimensions 9
4.2.1 Overall width and height 9
4.2.2 Batter 11
4.2.3 Tolerances of faces (straight kerbs only) 11
4.2.4 Curved kerbs 11
4.2.5 Face irregularities 11
4.3 Freeze/thaw resistance 12
4.3.1 Freeze- thaw under normal conditions 12
4.3.2 Freeze-thaw in the presence of de-icing salts 12
4.4 Breaking strength Flexural strength 12
4.5 Appearance 12
4.5.1 General 12
4.5.2 Reference sample, visual inspection and acceptance criteria 12
4.6 Water absorption 13
4.7 Apparent density and open porosity 13
4.8 Petrographic description 13
4.9 Dangerous substances 13

5 Evaluation of conformity 14
5.1 General 14
5.2 Initial type testing (ITT) and Type Testing (TT) 14
5.3 Factory Production Control 15

6 Marking, labelling and packaging 18

Annex A (informative) Calculation of height for kerbs for kerbs with a square cross section 19

Annex B (informative) Guidance on sampling 20

B.1 General 20
B.2 Principles of sampling 20
B.3 Taking bulk samples 20
B.4 Preparing a sampling plan 20
B.5 Sampling apparatus 21
B.6 Sampling methods 21
B.6.1 General 21
B.6.2 Sampling from quarries 21
B.6.3 Sampling from production units and consignments 22
B.6.4 Sampling from construction works 22

B.7 Marking, packaging and dispatch of the samples 22
B.8 Sampling report 22

Annex C (informative) Example of calculation of Lower Expected Value 24

C.1 Scope 24
C.2 Symbols and definitions 24
C.3 Calculation of Lower Expected Value 24

Annex ZA (informative) Clauses of this European Standard addressing the provisions of the EU Construction Products Directives 27

ZA.1 Scope and relevant characteristics 27

ZA.2 Procedure for the attestation of conformity of kerbs of natural stone 28

ZA.2.1 System of attestation of conformity 28

ZA.2.2 EC declaration of conformity 29

ZA.3 CE marking and labelling 29

Bibliography 31