DIN EN 15285:2008-09 (E)

Agglomerated stone - Modular tiles for flooring and stairs (internal and external)

Contents

Page

Foreword 3

1 Scope 4

2 Normative references 4

3 Terms and definitions 5

4 Requirements 5
4.1 Requirements for geometric characteristics 5
4.1.1 General 5
4.1.2 Dimensions 5
4.1.3 Size and shape 5
4.1.4 Surface finish 6
4.2 Requirements for flooring and stairs modular tiles made of agglomerated stones 6
4.2.1 General 6
4.2.2 Apparent density and water absorption 7
4.2.3 Flexural strength 7
4.2.4 Abrasion resistance 7
4.2.5 Chemical resistance 7
4.2.6 Visual appearance 8
4.2.7 Reference sample, visual inspection and acceptance criteria 8
4.2.8 Reaction to fire 8
4.2.9 Slipperiness 9
4.2.10 Thermal conductivity 10
4.2.11 Thermal shock resistance 10
4.2.12 Tactility/visibility 10
4.2.13 Linear thermal expansion coefficient 10
4.2.14 Electrical resistivity 10
4.2.15 Impact resistance 10
4.2.16 Frost resistance 10
4.2.17 Dimensional stability 11

5 Marking, labelling and packaging 11

6 Evaluation of conformity 11
6.1 General rules 11
6.2 Initial type testing (ITT) 11
6.3 Factory production control (FPC) 12
6.3.1 General 12
6.3.2 FPC requirements 13
6.3.3 Description of the records 13

Construction Products Directive 15

ZA.1 Scope and relevant characteristics 15

ZA.2 Procedures for the attestation of conformity of agglomerated stone modular tiles 17

ZA.2.1 Systems of attestation of conformity 17

ZA.2.2 EC certificate of conformity and EC declaration of conformity 20

ZA.3 CE marking and labelling 21

Annex ZA (informative) Clauses of this European Standard addressing the provisions of the EU Bibliography 26