# DIN EN 15285:2008-06 (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

Bibliography ..... 26