ISO 10545-3:2018-02 (E)

Ceramic tiles - Part 3: Determination of water absorption, apparent porosity, apparent relative density and bulk density

Contents

Page

Foreword iv

Introduction v

1 Scope 1

2 Normative references 1

3 Termsanddefinitions 1

4 Principle 1

5 Apparatus 1

6 Test specimens 2
6.1 Sampling 2
6.2 Sample cutting 3
6.2.1 General 3
6.2.2 Tiles less than or equal to 400 cm2 3
6.2.3 Tiles greater than 400 cm2 and less than or equal to 3 600 cm2, where x and y >20 cm 4
6.2.4 Tiles greater than 400 cm2 and less than or equal to 3 600 cm2, where only y is 20 cm 5
6.2.5 Tiles greater than 3 600 cm2 5

7 Procedure 6
7.1 Sample preparation 6
7.2 Impregnation with water 7
7.3 Suspended weight 7

8 Expression of results 7
8.1 Water absorption 7
8.2 Apparent porosity 8
8.3 Apparent relative density 8
8.4 Bulk density 8

9 Test report 8