DIN EN 16306:2022-11 (E)

Natural stone test methods - Determination of resistance of marble to thermal and moisture cycles

Contents

Page

European foreword 3

1 Scope 4

2 Normative references 4

3 Terms and definitions 4

4 Symbols 5

5 Principle 5

6 Apparatus 5

7 Preparation of specimens 9
7.1 Sampling 9
7.2 Test specimens 9
7.3 Reference marks on the specimens 9
7.4 Drying the specimen 9

8 Test procedure 9
8.1 Control measurements before cycling 9
8.2 Procedure for bowing measurement 9
8.3 Readings, exposure and duration of test 10
8.4 Measurements after exposure 11

9 Calculation of results 11
9.1 Bowing magnitude 11
9.2 Flexural strength 12

10 Test report 12

Annex A (informative) Guidance on limit values 14

Annex B (informative) Non-destructive testing 15

Annex C (informative) Enhanced petrographic analysis 16

Bibliography 19