

DIN EN 12371:2010-07 (E)

Natural stone test methods - Determination of frost resistance

Contents		Page
Foreword		3
1	Scope	5
2	Normative references	5
3	Principle	5
4	Symbols	5
5	Apparatus	6
6	Preparation of the specimens	6
6.1	Sampling	6
6.2	Size of specimens	7
6.2.1	Technological test (Test A)	7
6.2.2	Identification test (Test B)	7
6.2.3	Putting reference marks on the specimens	7
6.3	Monitoring core temperature	7
6.4	Drying the specimens	8
6.5	Immersion of the specimens	8
6.6	Determination of the apparent volume	8
6.7	Number of cycles	8
6.7.1	Technological test (Test A)	8
6.7.2	Identification test (Test B)	8
7	Test procedure	8
7.1	Arrangement of the specimens in the freezing tank	8
7.2	Description of the freezing and thawing cycles	9
7.3	Control measurements to determine the freeze/thaw resistance	9
7.3.1	Technological test (Test A)	9
7.3.2	Identification test (Test B)	10
8	Expression of the results	11
8.1	Technological test (Test A)	11
8.2	Identification test (Test B)	11
9	Test report	12
Annex A (informative) Test cycles		13
Bibliography		15