

DIN EN 771-6:2015-11 (E)

Specification for masonry units - Part 6: Natural stone masonry units

Contents		Page
	European foreword	4
1	Scope	5
2	Normative references	5
3	Terms and definitions	6
4	Materials of natural stone	8
5	Requirements for natural stone masonry units	8
5.1	General	8
5.2	Denomination	8
5.3	Dimensions and tolerances	8
5.3.1	Dimensions	8
5.3.2	Dimensional tolerances	9
5.4	"Configuration and appearance"	10
5.4.1	Configuration	10
5.4.2	Surface appearance	10
5.5	Apparent density	11
5.6	Mechanical strengths	11
5.6.1	Compressive strength	11
5.6.2	Flexural strength	11
5.7	Shear bond strength	12
5.7.1	General	12
5.7.2	Declaration based on fixed values	12
5.7.3	Declaration based on tests	12
5.8	Flexural bond strength	12
5.9	Open porosity	12
5.10	Water absorption coefficient by capillarity	12
5.11	Durability	13
5.12	Thermal properties	13
5.13	Reaction to fire	13
5.14	Water vapour permeability	14
5.15	Dangerous substances	14
6	Description, designation and classification of natural stone masonry units	14
6.1	Description and designation	14
6.2	Classification	15
7	Marking	15
8	"Assessment and verification of constancy of performance (AVCP)"	15
8.1	General	15
8.2	Product type determination	16
8.3	Factory production control	17
8.3.1	General	17
8.3.2	Testing and measuring equipment	17
8.3.3	Production equipment	17
8.3.4	Raw materials	17
8.3.5	Production process	17
8.3.6	Finished product testing	18

8.3.7	Statistical techniques	18
8.3.8	Marking and stock control of products	18
8.3.9	Traceability	18
8.3.10	Nonconforming products	18
Annex A (normative) "Sampling for type testing and for independent testing of consignment"		19
A.1	General	19
A.2	Sampling procedure	19
A.2.1	General	19
A.2.2	Random sampling	19
A.2.3	Representative sampling	19
A.2.4	Dividing the sample	20
A.2.5	Number of units required for testing	20
Annex B (informative) "Guidance for test frequencies for designing a FPC system to demonstrate conformity of finished products with the requirements of the standard and the declaration of the manufacturer"		21
Annex ZA (informative) "Clauses of this European Standard addressing the provisions of the EU Construction Products Regulation"		23
ZA.1	Scope and relevant characteristics	23
ZA.2	Procedure(s) for AVCP of natural stone masonry units	24
ZA.2.1	System(s) of AVCP	24
ZA.2.2	Declaration of performance (DoP)	26
ZA.3	CE marking and labelling	30
Bibliography		34