

DIN EN 13242:2008-03 (E)

Aggregates for unbound and hydraulically bound materials for use in civil engineering work and road construction (includes Amendment A1:200 7)

Contents		Page
Foreword		3
1	Scope	4
2	Normative references	4
3	Terms and definitions	5
4	Geometrical requirements	6
4.1	General	6
4.2	Aggregates sizes	6
4.3	Grading	7
4.4	Shape of coarse aggregate	10
4.5	Percentage of crushed or broken particles and of totally rounded particles in coarse aggregates	10
4.6	Fines content	11
4.7	Fines quality	12
5	Physical requirements	12
5.1	General	12
5.2	Resistance to fragmentation of coarse aggregate	12
5.3	Resistance to wear of coarse aggregate	13
5.4	Particle density	14
5.5	Water absorption	14
5.6	!Classification of the constituents of coarse recycled aggregates	14
6	Chemical requirements	15
6.1	General	15
6.2	Acid-soluble !sulfate"	15
6.3	Total sulfur	16
7	Durability requirements	18
7.1	General	18
7.2	"Sonnenbrand" of basalt	19
7.3	Resistance to freezing and thawing	20
8	Evaluation of conformity	21
8.1	General	21
8.2	Initial type tests	21
8.3	Factory production control	22
9	Designation and description	22
9.1	Designation	22
9.2	Additional information for the description of an aggregate	22
10	Marking and labelling	22
Annex A (normative)	Assessment of fines	23
Annex B (informative)	Notes for guidance on the freezing and thawing resistance of aggregates	24

Annex C (normative) Factory production control	26
Annex ZA (informative) Clauses of this European Standard addressing essential requirements or other provisions of EU Directives	32
Bibliography	41