

# DIN EN 13285:2010-12 (E)

## Unbound mixtures - Specifications

---

<b>Contents</b>		<b>Page</b>
Foreword .....		4
<b>1</b>	<b>Scope .....</b>	<b>5</b>
<b>2</b>	<b>Normative references .....</b>	<b>5</b>
<b>3</b>	<b>Terms and definitions .....</b>	<b>5</b>
<b>4</b>	<b>Requirements .....</b>	<b>6</b>
4.1	General requirements .....	6
4.2	Aggregate requirements .....	6
4.3	Mixture requirements .....	7
4.3.1	Mixture designation .....	7
4.3.2	Fines content .....	7
4.3.3	Oversize .....	8
4.4	Grading requirements .....	8
4.4.1	General grading curve .....	8
4.4.2	Grading of individual batches .....	11
4.5	Other requirements .....	11
<b>5</b>	<b>Evaluation of conformity .....</b>	<b>12</b>
5.1	Sampling .....	12
5.2	Factory production control .....	12
5.3	Declaration of laboratory dry density and optimal water content .....	12
5.4	Declaration of water soluble sulphate content .....	12
<b>6</b>	<b>Designation and description .....</b>	<b>12</b>
<b>7</b>	<b>Marking and labelling .....</b>	<b>13</b>
<b>Annex A (informative) Use of the supplier declared value .....</b>		<b>14</b>
A.1	Terminology .....	14
A.2	Overall grading range .....	14
A.3	Supplier declared value grading range .....	15
A.4	Supplier declared value .....	15
A.5	Tolerances for comparison with the supplier declared value .....	15
<b>Annex B (informative) Guidance on the assessment of the mechanical behaviour of unbound mixtures .....</b>		<b>16</b>
<b>Annex C (normative) Factory production control .....</b>		<b>17</b>
C.1	Introduction .....	17
C.2	Organization .....	17
C.2.1	Responsibility and authority .....	17
C.2.2	Management representative for factory production control .....	17
C.2.3	Management review .....	17
C.3	Control procedures .....	17
C.3.1	Document and data control .....	17
C.3.2	Sub-contract services .....	18
C.3.3	Knowledge of mixture components .....	18

C.4	Management of the production .....	18
C.5	Inspection and test .....	18
C.5.1	General .....	18
C.5.2	Equipment .....	18
C.5.3	Frequency and location of inspections, sampling and tests .....	19
C.6	Records .....	20
C.7	Control of non-conforming product .....	20
C.8	Handling, storage and conditioning in production areas .....	20
C.9	Transport and packaging .....	21
C.9.1	Transport .....	21
C.9.2	Packaging .....	21
C.10	Training of personnel .....	21
	<b>Bibliography .....</b>	<b>22</b>