

Foreword.....	4
1 Scope	6
2 Normative references	7
3 Terms and definitions	7
4 Symbols and abbreviated terms	8
5 Constituents	8
5.1 Aggregates	8
5.2 Fly ash.....	8
5.3 Lime.....	8
5.4 Cement.....	8
5.5 Gypsum.....	8
5.6 Granulated blast furnace slag	8
5.7 Other constituents	9
5.8 Water	9
6 Fly ash bound granular mixtures	9
6.1 Types.....	9
6.1.1 Fly ash bound granular mixture 1	9
6.1.2 Fly ash bound granular mixture 2	9
6.1.3 Fly ash bound granular mixture 3	10
6.1.4 Fly ash bound granular mixture 4	10
6.1.5 Fly ash bound granular mixture 5	10
6.1.6 Fly ash bound granular mixture 6	10
6.1.7 Examples of fly ash bound granular mixtures.....	10
6.2 Water content of mixtures	11
6.3 Proportioning of the constituents, grading and dry density	11
6.4 Other requirements for the fresh mixture	11
6.4.1 Compacity.....	11
6.4.2 Immediate bearing index of the mixture	11
6.4.3 Workability period.....	12
7 Laboratory mechanical performance classification.....	12
7.1 General.....	12
7.2 Classification by compressive strength.....	13
7.3 Classification by R_t , E	13
7.3.1 General.....	14
7.3.2 Method by direct tensile testing	14
7.3.3 Method by indirect tensile testing.....	14
7.3.4 Method by indirect tensile and compression testing.....	15
8 Other requirements for the mixture	15
8.1 Strength after immersion in water	15
8.2 Other characteristics	15
9 Production control.....	15
10 Designation and description	15
10.1 Designation	16
10.2 Description	16
11 Marking and labelling	17
12 Figures	26
Annex A (normative) Compacity of a fly ash bound granular mixture 2	26

Annex B (informative) Examples of fly ash bound granular mixtures using siliceous fly ash27

Annex C (informative) Examples of fly ash bound granular mixtures using calcareous fly ash28

Annex D (informative) Production control for fly ash bound granular mixtures.....29

D.1 General29

D.2 Quality manual29

D.3 Organisation29

D.3.1 Responsibility and authority29

D.3.2 Management representative29

D.3.3 Internal audits29

D.3.4 Management review30

D.3.5 Sub-contract services30

D.3.6 Records30

D.3.7 Training.....30

D.4 Control procedures30

D.4.1 Production management30

D.4.2 Composition of the mixture.....31

D.4.3 Constituents.....31

D.4.4 Process control31

D.4.5 Inspection, calibration and control of process equipment31

D.4.6 Handling and delivery32

D.5 Inspection and testing of constituents and mixtures during production.....32

D.5.1 General32

D.5.2 Characteristics that require control during production32

D.5.3 Frequency of sampling the mixture.....32

D.6 Inspection and testing equipment.....33

D.6.1 General33

D.6.2 Measuring and testing equipment.....33

D.6.3 Measuring and testing equipment in the process33

D.6.4 Measuring and testing equipment in laboratory33

D.7 Non-conformity34

D.7.1 General34

D.7.2 Non-conformity of constituents34

D.7.3 Non-conformity of the mixture34

Bibliography.....35