

DIN EN 14227-12:2006-08 (E)

Hydraulically bound mixtures - Specifications - Part 12: Soil treated by slag

Contents		Page
Foreword		3
1	Scope	4
2	Normative references	4
3	Terms and definitions	5
4	Symbols and abbreviated terms	5
5	Constituents	6
5.1	Ground or partially ground granulated blast furnace slag	6
5.2	Soil	6
5.3	Water	6
5.4	Other constituents	6
6	Mixture	7
6.1	General	7
6.2	Proportioning and dry density	7
7	Requirements for the fresh mixture	7
7.1	Water content	7
7.2	Degree of pulverization	7
7.3	Immediate bearing index	8
7.4	Moisture condition value	8
8	Laboratory mechanical performance classification	8
8.1	General	8
8.2	Classification by California bearing ratio	9
8.3	Classification by compressive strength	9
8.4	Classification by Rt, E	10
8.4.1	General	10
8.4.2	Method by direct tensile testing	10
8.4.3	Method by indirect tensile testing	10
8.4.4	Method by indirect tensile and compression testing	11
9	Resistance to water and other requirements for the mixture	11
9.1	Resistance to water	11
9.1.1	General	11
9.1.2	Strength after immersion in water	11
9.1.3	Linear swelling after soaking in water	12
9.1.4	Volumetric swelling after immersion in water	12
9.2	Strength at trafficking	12
9.3	Resistance to frost	12
10	Production control	12
11	Designation and description	13
12	Marking and labelling	13

Annex A (informative) Examples of 'age of classification' and curing regimes for Rc, Rt and E testing of treated soils including resistance to water testing by full immersion in water ...	15
Annex B (informative) Production control for hydraulically treated mixtures	16
Bibliography	22