

# DIN EN 14227-15:2016-02 (E)

## Hydraulically bound mixtures - Specifications - Part 15: Hydraulically stabilized soils

<b>Contents</b>		<b>Page</b>
European foreword .....		4
1	Scope .....	5
2	Normative references .....	5
3	Terms and definitions .....	6
4	Symbols and abbreviated terms .....	6
5	Constituents .....	7
5.1	Cement .....	7
5.2	Fly ash .....	7
5.3	Blast-furnace slag .....	7
5.4	Hydraulic road binder .....	7
5.5	Lime .....	7
5.6	Soil .....	7
5.7	Water .....	8
5.8	Other constituents .....	8
6	Mixture .....	8
6.1	General .....	8
6.2	Proportioning and dry density .....	8
7	Requirements for the fresh mixture .....	9
7.1	Water content .....	9
7.2	Degree of pulverization .....	9
7.3	Immediate bearing index .....	9
7.4	Moisture condition value .....	10
7.5	Workability period .....	10
8	Laboratory mechanical performance classification .....	10
8.1	General .....	10
8.2	California bearing ratio .....	11
8.3	Classification by compressive strength .....	11
8.4	Classification by tensile strength and modulus of elasticity (Rt, E) .....	12
9	Resistance to water and other requirements for the mixture .....	14
9.1	Resistance to water .....	14
9.2	Strength for direct construction trafficking .....	15
9.3	Resistance to frost .....	15
10	Production control .....	15
11	Designation and description .....	15
12	Labelling .....	16
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 .....		18
Annex B (informative) Production control for hydraulically stabilized soils .....		19

<b>B.1</b>	<b>General .....</b>	<b>19</b>
<b>B.2</b>	<b>Quality Manual .....</b>	<b>19</b>
<b>B.3</b>	<b>Organization .....</b>	<b>19</b>
<b>B.4</b>	<b>Control procedures .....</b>	<b>20</b>
<b>B.5</b>	<b>Inspection and testing of constituents and mixtures during production .....</b>	<b>22</b>
<b>B.6</b>	<b>Inspection and testing equipment .....</b>	<b>23</b>
<b>B.7</b>	<b>Non-conformity .....</b>	<b>24</b>