

# DIN EN 934-5:2008-02 (E)

## Admixtures for concrete, mortar and grout - Part 5: Admixtures for sprayed concrete - Definitions, requirements, conformity, marking and labelling

---

<b>Contents</b>		<b>Page</b>
Foreword .....		3
<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>6</b>
<b>3.1</b>	<b>General definitions .....</b>	<b>6</b>
<b>3.2</b>	<b>Specific definitions .....</b>	<b>6</b>
<b>4</b>	<b>Requirements .....</b>	<b>7</b>
<b>4.1</b>	<b>General requirements .....</b>	<b>7</b>
<b>4.2</b>	<b>Specific requirements .....</b>	<b>7</b>
<b>5</b>	<b>Sampling .....</b>	<b>10</b>
<b>6</b>	<b>Conformity control .....</b>	<b>10</b>
<b>7</b>	<b>Evaluation of conformity .....</b>	<b>11</b>
<b>8</b>	<b>Marking and labelling .....</b>	<b>11</b>
<b>8.1</b>	<b>General .....</b>	<b>11</b>
<b>8.2</b>	<b>Designation of admixtures .....</b>	<b>11</b>
<b>8.3</b>	<b>Additional information .....</b>	<b>11</b>
<b>Annex A (informative) Content and release of dangerous substances .....</b>		<b>12</b>
<b>Annex B (normative) Reference concrete for testing consistence control admixture .....</b>		<b>13</b>
<b>B.1</b>	<b>General .....</b>	<b>13</b>
<b>B.2</b>	<b>Cement content .....</b>	<b>13</b>
<b>B.3</b>	<b>Aggregates .....</b>	<b>13</b>
<b>B.4</b>	<b>Consistence .....</b>	<b>13</b>
<b>B.5</b>	<b>Compressive strength .....</b>	<b>14</b>
<b>B.6</b>	<b>Test report .....</b>	<b>14</b>
<b>Annex C (normative) Measurement of tensile bond strength .....</b>		<b>15</b>
<b>C.1</b>	<b>General .....</b>	<b>15</b>
<b>C.2</b>	<b>Preparation of the control and test mix .....</b>	<b>15</b>
<b>C.3</b>	<b>Applying the concrete and storage of specimens .....</b>	<b>15</b>
<b>C.4</b>	<b>Testing .....</b>	<b>16</b>
<b>C.5</b>	<b>Test report .....</b>	<b>16</b>
<b>Annex ZA (informative) Clauses of this European Standard addressing the provisions of the EU Construction Products Directive .....</b>		<b>17</b>
<b>ZA.1 Scope and relevant characteristics .....</b>		<b>17</b>
<b>ZA.2 Procedure for attestation of conformity of admixtures for sprayed concrete .....</b>		<b>19</b>

<b>ZA.2.1 System of attestation of conformity .....</b>	<b>19</b>
<b>ZA.2.2 EC certificate and declaration of conformity .....</b>	<b>20</b>
<b>ZA.3 CE marking and labelling .....</b>	<b>20</b>
<b>Bibliography .....</b>	<b>22</b>