

# DIN EN 445:2008-01 (E)

## Grout for prestressing tendons - Test methods

---

<b>Contents</b>		<b>Page</b>
Foreword .....		3
Introduction .....		4
1	Scope .....	5
2	Normative references .....	5
3	Terms and definitions .....	5
4	The testing of grout .....	5
4.1	General .....	5
4.1.1	Personnel .....	5
4.1.2	Test conditions .....	5
4.1.3	Test reports .....	5
4.2	Sieve test .....	6
4.2.1	Principle of test .....	6
4.2.2	Apparatus .....	6
4.2.3	Procedure .....	6
4.2.4	Reporting .....	6
4.3	Fluidity test .....	6
4.3.1	Cone method .....	6
4.3.2	Grout spread method .....	8
4.4	Inclined tube test .....	9
4.4.1	Principle of test .....	9
4.4.2	Test equipment and set-up .....	10
4.4.3	Test procedure .....	10
4.4.4	Reporting of results .....	11
4.5	Wick-induced test .....	12
4.5.1	Principle of test .....	12
4.5.2	Equipment .....	12
4.5.3	Procedure .....	12
4.5.4	Reporting of results .....	12
4.6	Compressive strength test .....	13
4.6.1	Principle of the test .....	13
4.6.2	Apparatus .....	13
4.6.3	Test procedure .....	14
4.7	Density test .....	14
4.7.1	Principle of test .....	14
4.7.2	Apparatus .....	14
4.7.3	Reporting of results .....	14
Bibliography .....		15