

Contents

Page

Foreword.....	iv
Introduction	v
1 Scope	1
2 Normative references	1
3 Terms and definitions	1
4 Symbols	3
5 Principle	3
6 Apparatus	4
6.1 Testing machine	4
6.2 Devices for measuring displacement and force	4
6.2.1 Displacement	4
6.2.2 Force	4
6.2.3 Calibration	5
6.3 Devices for measuring the dimensions of the test specimens	5
7 Test specimens	5
7.1 Dimensions	5
7.2 Preparation	5
7.3 Number	5
7.4 Conditioning	5
8 Procedure	6
9 Expression of results	6
9.1 General	6
9.2 Compressive strength and compressive strains	8
9.2.1 Compressive strength	8
9.2.2 Nominal compressive strain (procedure A)	8
9.2.3 Compressive strain (procedure B)	8
9.3 Compressive stress at 10 % nominal compressive strain (procedure A)	8
9.4 Modulus	8
9.4.1 General	8
9.4.2 Nominal compressive modulus (procedure A)	9
9.4.3 Compressive modulus (procedure B)	9
10 Precision	9
10.1 Procedure A	9
10.2 Procedure B	10
11 Test report	10
Annex A (informative) Extensometer for Procedure B	12
Bibliography	13