

DIN EN 12430:2007-06 (E)

Thermal insulating products for building applications - Determination of behaviour under point load (includes Amendment A1:2006)

Contents		Page
Foreword to EN 12430:1998.....		3
Foreword to EN 12430:1998/A1:2006.....		3
1 Scope		3
2 Normative references		4
3 Definitions		4
4 Principle		4
5 Apparatus		4
5.1 Compression testing machine		4
5.2 Measurement of displacement		6
5.3 Measurement of force		6
5.4 Recording device		6
6 Test specimens		6
6.1 Dimensions of test specimens		6
6.2 Number of test specimens		7
6.3 Preparation of test specimens		7
6.4 Conditioning of test specimens		7
7 Procedure		7
7.1 Test conditions		7
7.2 Test procedure		7
8 Calculation and expression of results.....		8
8.1 General.....		8
8.2 Compressive force/deformation at the critical point		8
8.3 Point load at a given deformation		8
8.4 Force-deformation curve		9
9 Accuracy of measurement.....		9
10 Test report		9
Annex A (normative) Modifications to the general test method for cellular glass products.....		11
A.1 Apparatus		11
A.2 Test specimen		11
A.3 Procedure		11
A.4 Calculation and expression of results.....		12