

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 |