

DIN EN 622-5:2010-03 (E)

Fibreboards - Specifications - Part 5: Requirements for dry process boards (MDF)

| Contents | | Page |
|--|---|-------------|
| Foreword | | 3 |
| 1 | Scope | 4 |
| 2 | Normative references | 4 |
| 3 | Terms and definitions | 5 |
| 4 | Requirements | 6 |
| 4.1 | General | 6 |
| 4.2 | Requirements for non load-bearing boards, including boards for general purpose use | 7 |
| 4.2.1 | Requirements for boards for use in dry conditions | 7 |
| 4.2.2 | Requirements for boards for use in humid conditions | 7 |
| 4.3 | Requirements for load-bearing boards | 8 |
| 4.3.1 | Requirements for load-bearing boards for use in dry conditions | 8 |
| 4.3.2 | Requirements for load-bearing boards for use in humid conditions | 8 |
| 4.4 | Requirements for light MDF boards for non load-bearing applications, including general purpose boards | 9 |
| 4.4.1 | Requirements for boards for use in dry conditions | 9 |
| 4.4.2 | Requirements for boards for use in humid conditions | 10 |
| 4.5 | Requirements for ultra-light MDF boards for non load-bearing applications, including general purpose boards | 10 |
| 4.6 | Requirements for boards for use in rigid underlays in roofing and walls | 11 |
| 5 | Verification of compliance | 12 |
| 5.1 | General | 12 |
| 5.2 | External control | 12 |
| 5.3 | Factory production control | 12 |
| 6 | Supplementary properties | 12 |
| 7 | Marking | 13 |
| 7.1 | Boards marketed within the European Economic Area for construction applications | 13 |
| 7.2 | Other boards | 13 |
| Annex A (normative) Boil test according to EN 1087-1 - Modified procedure | | 14 |
| Bibliography | | 15 |
| Tables Table 1 -- Load duration category | | 5 |
| Table 2 -- Examples of load-duration assignment | | 6 |
| Table 3 -- Requirements for general purpose boards for use in dry conditions (type MDF) | | 7 |
| Table 4 -- Requirements for general purpose boards for use in humid conditions (type MDF.H) | | 7 |
| Table 5 -- Requirements for load-bearing boards for use in dry conditions (type MDF.LA) | | 8 |
| Table 6 -- Requirements for load-bearing boards for use in humid conditions (MDF.HLS) | | 9 |
| Table 7 -- Requirements for light MDF boards for use in dry conditions (type L-MDF) | | 9 |

| | |
|---|-----------|
| Table 8 -- Requirements for light MDF boards for use in humid conditions (type L.MDF.H) | 10 |
| Table 9 -- Requirements for ultra-light MDF boards for use in dry conditions (type UL1-MDF) | 10 |
| Table 10 -- Requirements for ultra-light MDF boards for use in dry conditions (type UL2-MDF) | 11 |
| Table 11 -- Requirements for use in rigid underlays in roofs and walls (type MDF.RWH) | 11 |
| Table 12 -- Maximum interval between test | 12 |
| Table 13 -- Supplementary properties | 12 |