

DIN EN 636:2015-05 (E)

Plywood - Specifications (includes Amendment A1:2015)

| Contents | | Page |
|---|---|-------------|
| Foreword | | 4 |
| 1 | Scope | 5 |
| 2 | Normative references | 5 |
| 3 | Terms and definitions | 7 |
| 4 | Symbols and subscripts | 7 |
| 5 | Classification system | 8 |
| 6 | General requirements | 9 |
| 6.1 | Tolerances on dimensions | 9 |
| 6.2 | Mechanical characteristics | 9 |
| 6.2.1 | General purpose (non-structural application) | 9 |
| 6.2.2 | Structural application | 10 |
| 6.3 | Formaldehyde release | 10 |
| 6.3.1 | Classification | 10 |
| 6.3.2 | Conditioning of test pieces | 11 |
| 7 | Requirements for plywood for use in dry conditions | 11 |
| 7.1 | Bonding quality | 11 |
| 7.2 | Biological durability | 11 |
| 8 | Requirements for plywood for use in humid conditions | 12 |
| 8.1 | Bonding quality | 12 |
| 8.2 | Biological durability | 12 |
| 9 | Requirements for plywood for use in exterior conditions | 12 |
| 9.1 | Bonding quality | 12 |
| 9.2 | Biological durability | 12 |
| 10 | Supplementary properties | 12 |
| 11 | Verification of compliance | 12 |
| 11.1 | General | 12 |
| 11.2 | External control | 12 |
| 11.3 | Factory production control | 13 |
| 12 | Marking, identification and documentation | 14 |
| 12.1 | Boards marketed within the European Economic area for construction applications | 14 |
| 12.2 | Other boards | 14 |
| Annex A (normative) Supplementary properties | | 15 |
| Annex B (informative) Durability of wood and wood-based products - Definition of Use classes of biological attack- Application to plywood | | 16 |
| B.1 | General | 16 |
| B.2 | Use class1 | 16 |
| B.3 | Use class 2 | 16 |

| | | |
|---------------------------|--|-----------|
| B.4 | Use class 3 | 16 |
| B.5 | Use class 4 | 17 |
| B.6 | Use class 5 | 17 |
| B.7 | Summary of Use classes for plywood | 18 |
| B.8 | Guide for the application to plywood | 19 |
| B.8.1 | Introduction | 19 |
| B.8.2 | General decision making | 19 |
| B.8.3 | General precautions | 19 |
| B.8.4 | Durability (inherent or conferred) of plywood | 20 |
| Bibliography | | 21 |