

DIN EN 13145:2011-12 (E)

Railway applications - Track - Wood sleepers and bearers (includes Amendment A1:2011)

| Contents | | Page |
|--|--|-------------|
| Foreword | | 3 |
| 1 Scope | | 4 |
| 2 Normative references | | 4 |
| 3 Terms and definitions | | 4 |
| 4 Species | | 9 |
| 5 Forms, dimensions and tolerances | | 9 |
| 5.1 Forms | | 9 |
| 5.1.1 Sleepers | | 9 |
| 5.1.2 Bearers | | 10 |
| 5.2 Dimensions | | 10 |
| 5.3 Tolerances | | 10 |
| 6 Defects and quality features | | 11 |
| 6.1 Raw materials | | 11 |
| 6.2 Untreated sleepers and bearers | | 11 |
| 7 Durability and preservation | | 14 |
| 7.1 Durability | | 14 |
| 7.2 Preservation | | 15 |
| 7.2.1 Sleepers and bearers | | 15 |
| 7.2.2 Wood preservative | | 15 |
| 7.2.3 Penetration | | 15 |
| 7.2.4 Retention | | 15 |
| 8 Factory production control | | 16 |
| 9 Marking | | 16 |
| Annex A (informative) Most commonly used dimensions for sleepers and bearers | | 17 |
| Annex ZA (informative) Relationship between this European Standard and the Essential Requirements of EU Directive 2008/57/EC" | | 19 |