ISO 5942:2024-08 (E)

Bamboo-wood composite for container flooring

Contents

Page

Foreword v

1 Scope 1

2 Normative references 1

3 Terms and definitions 1

4 Classification 2

5 Technical requirements 2
5.1 Specifications 2
5.1.1 Size and tolerance 2
5.1.2 Diagonal difference 2
5.1.3 Edge straightness 2
5.1.4 Degree of warping 3
5.2 Appearance quality 3
5.3 Physical and mechanical properties 6
5.4 Floor strength 7
5.5 Anti-insect and antiseptic treatments 7

6 Inspection methods 7
6.1 Size specification 7
6.2 Diagonal difference 7
6.3 Edge straightness 7
6.4 Degree of warping 7
6.5 Appearance quality 7
6.6 Physical and mechanical properties 8
6.6.1 Specimen preparation 8
6.6.2 Standard conditioning 8
6.6.3 Density 8
6.6.4 Moisture content 9
6.6.5 Bond durability 9
6.6.6 Short span bending force 9
6.6.7 Concentrated load 9
6.6.8 Floor strength 11

7 Inspection rules 11
7.1 Inspection category 11
7.1.1 General 11
7.1.2 Delivery inspection 11
7.1.3 Type inspection 11
7.1.4 Floor strength inspection 12
7.2 Group principle 12
7.3 Sampling methods 12
7.3.1 General 12
7.3.2 Appearance quality inspection 12
7.3.3 Specifications inspection 12
7.3.4 Physical and mechanical properties inspection 13
7.4 Comprehensive judgement 13
7.4.1 Determination of test results 13
7.4.2 Comprehensive judgement 13

8 Marking, packaging, transportation and storage 14
8.1 Marking 14
8.1.1 Product marking 14
8.1.2 Packaging label 14
8.2 Packaging 14
8.3 Transportation and storage 14

Annex A (informative) Details for reference of the simulated freight container base underframe 15

Bibliography 18