



LION PREMIUM™

Introduction

LION Premium™ is a standard quality hardboard with a smooth face and a mesh pattern reverse. Product is used principally by the carpentry and furniture industry. **Lion Premium™** is also well suited to use in the construction industry and by small builders, because the CE-marking enables its use in both temporary and permanent structures.

Specification

| | |
|------------------------------------|--|
| Product identification code | SGSB |
| Thickness [mm] | 2,5 / 3 / 4,8 / 6 |
| Standard sizes [mm] | 1220 x 1830/2440/2745/3050 |
| Standard pallet sizes | 2,5 mm 150 sheets 3,0 mm 150 sheets 4,8 mm 75 sheets 6,0 mm 50 sheets |
| Packing | Disposable wooden pallet bottom Plastic bands |

Technical properties and performance

| Property | Unit | Thickness | | |
|-----------------------------|-------------------|------------------------|-----------------|----------|
| | | ≤ 3,0 to 3,5 mm | > 3,5 to 5,5 mm | > 5,5 mm |
| Density | kg/m ³ | ≥ 900 | | |
| Dimensional tolerances | | | | |
| <i>Thickness</i> | mm | ± 0,3 mm | ± 0,5 mm | ± 0,7 mm |
| <i>Width / length</i> | mm | ± 2,0 mm/m, max ± 5 mm | | |
| <i>Squareness</i> | mm/m | 2,0 mm/m | | |
| <i>Edge straightness</i> | mm/m | 1,5 mm/m | | |
| Bending strength | N/mm ² | 30 | 30 | 25 |
| Internal bond | N/mm ² | 0,50 | | |
| Swelling in thickness (24h) | % | 37 | 30 | 25 |
| Release of Formaldehyde | Class | E1 | | |
| Moisture content | % | 4-9 % | | |

Product standards

EN 622-1 Fibreboards. Specifications. Part 1: General Requirements.

EN 622-2 Fibreboards. Specifications. Part 2: Requirements for hardboards.

EN 13986:2004+A1:2015 Wood based panels for construction. Characteristics, evaluation of conformity and marking
Type HB. General purpose board for use in dry conditions

Certificates



CE marked in accordance with requirements of EN 13986:2004+A1:2015 standard



The classification presents emission requirements for the building materials, fixture and furniture without padding or textile coverings used in ordinary work spaces and residences with respect to good indoor air quality. M1 stands for low emissions. m1.rts.fi/en

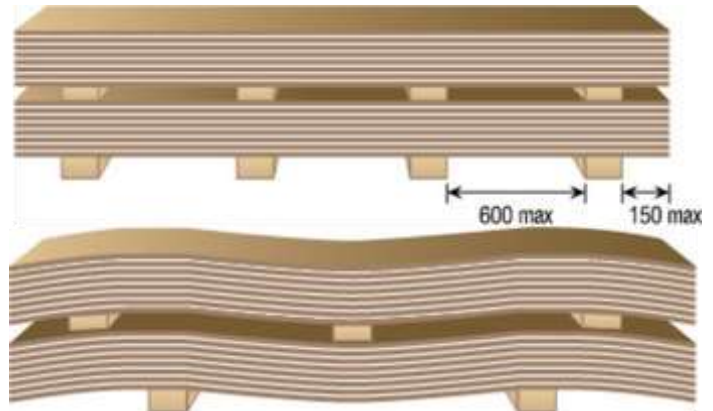


PEFC certificate: Promoting sustainable forest management

Handling and Storage

Panels should preferably be stored in an enclosed dry building. Where temporary storage outside cannot be avoided, then stacks should be covered with waterproof but vapour permeable sheeting, keeping all panels on raised bearers to prevent contact with the ground, water or vegetation. Any protective wrapping should be kept in place as long as possible prior to conditioning for use.

Panels should be stacked flat on a level surface with all four edges flush. The ideal base is a close boarded or slatted pallet. If this is not possible the panels should be carefully stacked on battens of equal thickness at centres not exceeding 600 mm.



Stacking on edge should be avoided whenever possible. Where space will only permit edge stacking then the edges should not be permitted to come into direct contact with the floor to avoid possible moisture pick-up or damage to the edges.

Panels should not be leant against walls but supported by a braced, purpose made rack using thick (>18 mm) base and back panels.

ATTACHMENTS

Declaration of Performance No. FF1CPRH