



## LION PREMIUM™, EXTRA MOISTURED

### Introduction

**LION Premium™, Extra Moistured** is a standard quality hardboard with a smooth face and a mesh pattern reverse. Extra moisture is added to the board during production to increase its moisture content to make it more stable and to reduce the need of conditioning at construction site.

### Specification

<b>Product identification code</b>	SGSK
<b>Thickness [mm]</b>	2,5 / 3 / 4,8 / 6
<b>Standard sizes [mm]</b>	1220 x 1830/2440/2745/3050
<b>Standard pallet sizes</b>	2,5 mm      150 sheets 3,0 mm      150 sheets 4,8 mm      75 sheets 6,0 mm      50 sheets

<b>Packing</b>	Disposable wooden pallet bottom Plastic bands Plastic hood
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### 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 <sup>3</sup>	≥ 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 <sup>2</sup>	30	30	25
Internal bond	N/mm <sup>2</sup>	0,50		
Swelling in thickness (24h)	%	37	30	25
Release of Formaldehyde	Class	E1		
<b>Moisture content</b>	<b>%</b>	<b>8 - 12</b>		

## 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](http://m1.rts.fi/en)

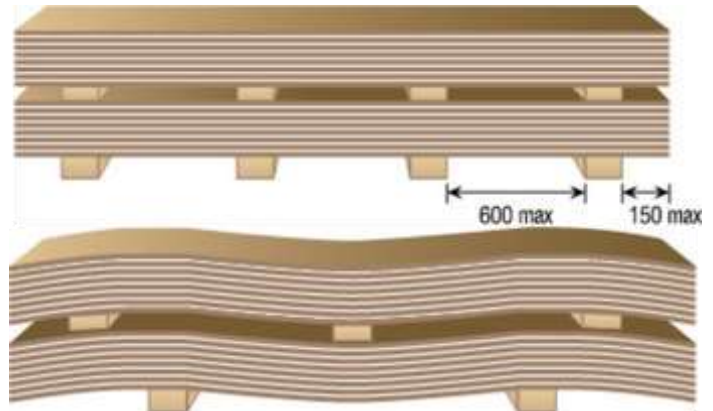


PEFC certificate: Promoting sustainable forest management

## 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.

**NB! Extra Moistured Boards:** the pallets need to be properly protected and covered with plastic hoods in order to maintain the higher moisture content within the boards.

## ATTACHMENTS

*Declaration of Performance No. FF1CPRH*

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