



**LION  
BOARDS™**



**THE PROFESSIONAL'S CHOICE**



**MADE PURELY  
FROM WOOD**

**WE USE ONLY  
BY-PRODUCTS FROM THE WOOD  
PROCESSING INDUSTRY**

**Think Sustainable Act Sustainable**  
  
**Because we care**







# LION BOARDS™ THE LEADING BRANDED HARDBOARD IN EUROPE

LION Boards™ are high-quality hardboards from Finland. They are manufactured almost entirely from natural wood and take advantage of by-products from the wood processing industry in nearby areas. LION Boards™ are safe for both human health and the environment, are very strong and have excellent processing properties.

LION Boards™ carry the NFB trademark. Wet process hardboard differs from other wood fibreboard in that we take advantage of the woods own bonding substance, lignin. This means that no potentially harmful substances are released from the boards, and that they are easy to recycle and dispose of. LION Boards™ are composed of softwoods that have a consistent light sandy colour.

LION Boards™ are probably one of the greenest engineered wood panels on the market. We recycle wood fibre by-products from saw mills close to our Heinola Mill, and have full Chain of Custody on our raw materials, resulting in us being able to offer our customers PEFC certified materials.

Healthy indoor air quality requires a good emission standard from the

materials used, and thanks to their natural composition, LION Boards™ have low chemical emissions, which assists in improving indoor air quality. LION Boards™ carry the highly valued M1 certificate, are safe and extremely well suited for use within indoor environments. LION Boards™ will assist you in the design and construction of healthier and more comfortable buildings.

At our Heinola mill we regularly monitor our production to ensure that we only supply the highest quality products. LION Boards™ excellent density profile results in machined surfaces that laminate, paint, stain and wrap easily and consistently. Our facilities operate high quality equipment and controls in order to ensure our fibreboard panels meet the strictest of quality control standards.

LION Boards™ intended for permanent construction use are CE marked in accordance with requirements. For declarations of performance (DoP's), please visit [finnishfibreboard.com](http://finnishfibreboard.com).



Choose the LION Board™ that best suits your needs from the widest selection on the market.

Thickness (mm)	2.0	2.5	2.7	3.0	4.8	6.0
LION Oil Tempered™				✓	✓	✓
LION HD Panel Board™*						✓
LION Premium™		✓		✓	✓	✓
LION Furniture Painted™				✓	✓	✓
LION Perforated™				✓	✓	✓
LION General™				✓	✓	✓
LION Protect™	✓	✓	✓			

Standard width	Standard length
1220 mm	610, 1830, 2440, 2745 and 3050mm

LION HD Panel Board™*
Standard size: width 1200 mm x length 2745 mm

**Bespoke Sizes**  
Other sizes can be supplied, subject to volume and specification. Additionally, both surfaces can be sanded, and board thickness calibrated. Pre-conditioned hardboard, with a moisture content of 8%-12% can be supplied to order.



# CHOOSE FROM THE WIDEST SELECTION AVAILABLE

LION Board™ is a compressed fibreboard with a smooth face and a mesh-pattern reverse.

## LION Oil Tempered™

LION Oil Tempered™ has been tempered with environmentally friendly bio-oil. The boards are moisture-resistant and suited to service class 2 applications, with an extremely strong structure and excellent racking strength. They are suitable for both permanent structures and for temporary use.



- ✓ Roof underlays (**LION Roofing™**)
- ✓ Van and container linings
- ✓ Construction & protective structures
- ✓ Wall and ceiling linings
- ✓ Flooring underlays (**LION Floor™**)
- ✓ Lamination – inc. paper and pvc foils

## LION HD Panel Board™

LION HD Panel Board™ has a white painted surface, which gives spaces a bright, and roomy feel. LION HD Panel Board™ is highly suitable for the internal lining of agricultural buildings, hoardings, shopfitting, site protection and general building work. For improved moisture-resistance of the boards, they have been oil-tempered and all boards are edged sealed on all 4 sides. LION HD Panel Board™ is available in an unlimited selection of plain colours, subject to quantity.



- ✓ Digital and screen printing
- ✓ Ceiling and wall linings
- ✓ Van and container linings
- ✓ Temporary buildings
- ✓ Agricultural and commercial building applications

## LION Premium™

LION Premium™ is a high-quality, easily processed, and versatile hardboard, 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 permanent structures. An added benefit of LION Premium™ is long tool life and the light colour of the fibreboard significantly reduces colour show-through, when painting, resulting in a beautiful finish time after time.



- ✓ Carpentry and joinery products
- ✓ Furniture industry
- ✓ Automotive industry
- ✓ Lamination – inc. paper and pvc foils
- ✓ Construction
- ✓ Decoration for retail premises

## LION Furniture Painted™

LION Furniture Painted™ comes with paint applied to the smooth side. The standard colour is white, but other colours can be provided. Finished with water-based paint, our boards are not harmful to health or to the environment. LION Furniture Painted™ is available in an unlimited selection of plain colours subject to quantity.



- ✓ Digital and screen printing
- ✓ Carpentry and joinery products
- ✓ Shopfitting, display and exhibition sectors
- ✓ Furniture industry products

## LION Perforated™

LION Perforated™ is standardly available in both unpainted and white painted - LION Perforated™ is available to special order in ANY colour - subject to quantity - and is also available in oil tempered quality if required. The following perforation diameters and intervals are available:

Ø 4.8 mm, perforation interval cc. 12.7 mm / 19 mm / 25.4 mm

Ø 7.1 mm, perforation interval cc. 25.4 mm



- ✓ Furniture industry products
- ✓ Acoustic structures
- ✓ Shopfitting, display and exhibition sectors
- ✓ Van and container linings
- ✓ Decoration for retail premises

## LION General™

LION General™ is an excellent board for all types of temporary structures and packaging. General boards are also very suited for protection during construction, because they are durable, impact resistant and stay in place well, thanks to their mesh pattern.



- ✓ General hardboard use
- ✓ Upholstery frames
- ✓ Shopfitting, display and exhibition sectors
- ✓ Protective structures
- ✓ Temporary structures
- ✓ Packaging and storage
- ✓ Professional and DIY construction

## LION Protect™

LION Protect™ is usually a slightly thinner hardboard that is well suited to protection applications. LION Protect™ can be used for the protection of floors and walls on construction sites and during renovations. It is also highly suited for the needs of the packaging industry. LION Protect™ is also available to order in thickness of 4.8mm and 6mm for those heavy duty projects.



- ✓ Protection
- ✓ Pallet tops and bottoms (**LION Pallet Cover™**)
- ✓ Packaging
- ✓ Storage



# CONSISTENT LION QUALITY FROM FINLAND

Finnish Fibreboard Ltd is one of Europe's largest and oldest hardboard manufacturers. Finland is one of the most heavily forested countries in Europe, making Finnish Fibreboard the most logical supplier of top quality hardboard products – they say that wood is 'at the heart' of every Finn.

LION Boards™ are an excellent example of a homogenous engineered board which is smooth, grain-less, knotless, does not split, crack or splinter – no surprise that it is the panel product chosen by many professionals. The main uses of LION Boards™ are in construction, shopfitting, packing, protection, flooring and in the furniture and carpentry industries. Our excellence stems from more than 80 years of experience and expertise.

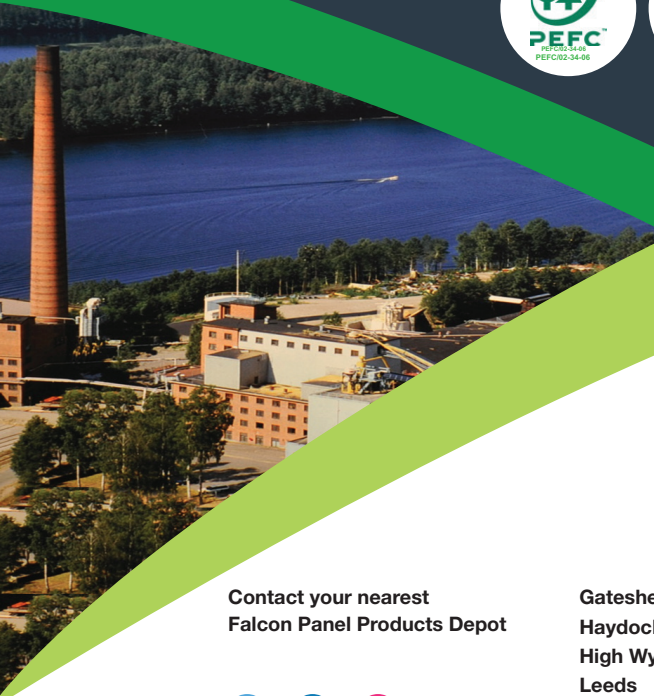
## THINKING OF OUR ENVIRONMENT

Our company takes responsibility for the welfare of the environment and for following the principles of sustainable development. The majority of energy required by our mill is produced from biofuel, so is very green and sustainable. Additionally, we use modern evaporation technology for treating the waste water from production. These measures ensure that we easily comply with the very demanding environmental permit limits.

Our use of only locally sourced wood by-products, means that LION Boards™ are probably one of the most environmentally friendly biodegradable boards produced. Combine this with zero added formaldehyde, our M1 certification and the fact that our boards can be easily and safely recycled make LION Boards™ the markets No1 choice.

## RELIABLE SERVICE FOR THE CUSTOMER'S BENEFIT

Our professional and committed customer service team help customers in choosing the right products and using them well. Consult your sales representative if you have any special requirements or need custom measurements. Our service is flexible and reliable – the reliability and quality of our deliveries is our top priority.



Contact your nearest  
Falcon Panel Products Depot



[www.falconpp.co.uk](http://www.falconpp.co.uk)

**Gateshead**  
**Haydock**  
**High Wycombe**  
**Leeds**  
**Nottingham**  
**Tilbury**  
**West Bromwich**

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**CTH**  
A Consolidated Timber  
Holdings Group Company