

LAYER BOARD

# IRU-PU & STD



### 3- LAYER BOARD

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## BOARD

Formwork board formed by three layers of wood glued together. The two outer layers lengthways and the inner crosswise.

## TIMBER

We use spruce or pine wood with PEFC certification.

All the wood we use comes from sustainably managed forests.



## SURFACE

We apply a layer (120 gr/m<sup>2</sup>) of melamine resin, which protects the board from the action of the concrete; thus increasing its durability. The wood that forms the surface of the board is positioned to minimise cracks in the wood.



## STANDARD SIZES

Length: 970, 1000, 1500, 1970, 2000, 2500 or 3000 mm\*

Width: 500, 1000 mm\*

Thickness: 21, 27 mm\*\*

\* Tolerance in length and width of  $\pm 2$  mm according to UNE EN 13353:2003 standard

\*\* Tolerance in thickness of  $\pm 1$  mm according to UNE EN 13353:2003 standard

## PACKAGING

Thickness 21 mm: 100 board package

Thickness 27 mm: 80 board package

## WEIGHT

Thickness 21 mm: 11 Kg/m<sup>2</sup>

Thickness 27 mm: 13 Kg/m<sup>2</sup>

## ADVANTAGES

### PROFITABILITY

The LANA three-layer board contributes to reducing formwork costs, which, thanks to its characteristics, ensures a high number of uses, being one of the **most profitable boards** on the market.

### WARRANTY

Based on compliance with the product operating manual. **After-sales service through the company's own extensive.**

### VERSATILITY

Available sizes adapted to different formwork systems. Special sizes available.

### SERVICE

Transport logistics adapted to the specific needs of the building industry.

### QUALITY

Our products are Ö-Norm B3023 compliant.

### COLLABORATION

Lana has a technical and commercial team to support the customer in his business with the highest levels of professionalism.

## PU EDGE

It reduces moisture absorption, preventing cracks in the wood and facilitate the adhesion of the concrete. It also facilitates cleaning and **increases the number of times the board can be used.** This is the board we recommend for "display" surface quality during the 2<sup>nd</sup> use.



## TECHNICAL CHARACTERISTICS

### GLUING

Bonding with low emission melamine glue under controlled temperature and pressure conditions, according to requirement SWP/3 for external use, from standard EN 13353.

### MARKING

All boards are identified by a **unique code**, which ensures the product's traceability.

### BENDING RESISTANCE

Thickness: 27 mm/21 mm

5<sup>th</sup> percentile = 22 N/mm<sup>2</sup>

(According to standard Ö-Norm B3023)

### ELASTICITY MODULE

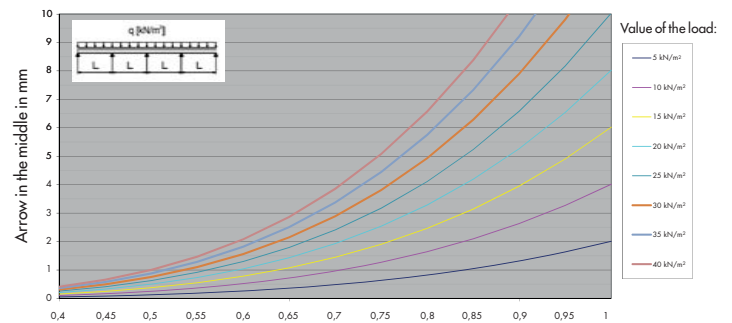
Thickness: 27 mm/21 mm

Medium Value 10.000 N/mm<sup>2</sup>

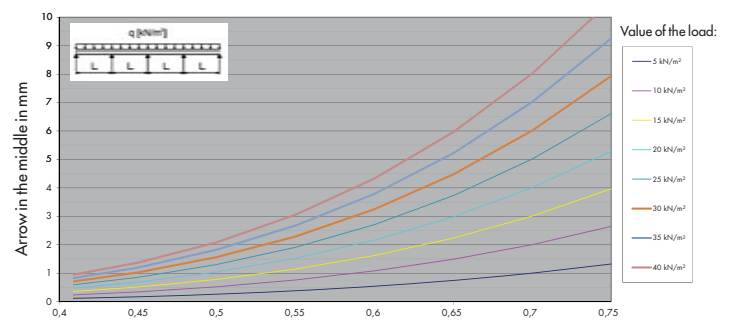
(According to standard Ö-Norm B3023)

THERE MAY BE COLOUR VARIATIONS ALONG THE SIDE THAT DO NOT AFFECT USE.

Definition of formwork panel 27mm



Definition of formwork panel 21mm



*The charts provided are indicative in nature and cannot replace those supplied by the technical officer, responsible for the building work. Lana S. Coop. declines any responsibility in this regard. We reserve the right to modify the specifications contained in this catalogue without prior warning.*

## OPERATING MANUAL

- Apply formwork stripper before and after use on board faces and edges (even before the first installation).
- Clean off remains of concrete on board after use.
- Stack and strap the boards after each use whilst they are not being used.
- Store the product in a covered area sheltered from the elements. Not following this guideline could result in cracks and damage to the product.
- Do not use for applications other than those typical of formwork.
- Do not modify the physical-mechanical characteristics of the product.
- Do not use the product when it appears that this might involve a risk to workers on site.





## PRODUCTION PLANTS



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## DISTRIBUTOR

