IRU - L3

3-Layer Board

AENOR
Producto Certificado
009/000131

Building and living

LANA

Innovating solutions for the needs of the market

The development of the company towards specialisation in the production of timberen boards is based on our knowledge of provisioning, selection of raw materials, technologies and production processes.

The company and its sales network analyse the needs of the market to develop and introduce innovating solutions for our customers.

AENOR ER Empresa Registrada ER-0585/2000

CERTIFIED IQNet MANAGEMENT SYSTEM

UNE-EN ISO - 9001:2000

AENOR Gestión Ambiental

Lana Quality

Lana bases its quality on:

- Highly qualified human resources.
- Organisation oriented towards customer satisfaction and continuous improvement.
- Production systems that include high technology solutions.
- Product certified according to UNE-EN 13353:2003.
- UNE EN ISO 9001:2000 Quality Management System certified by AENOR.
- Automated production control systems.
- Environmentally-friendly management recognised with the AENOR certificate.

Capacity and Service

- Own sales network.
- Commitment to listen to the customer's needs.
- Capacity to supply and rapid response.

Applications

Reticular formwork
•
Flat main beam
•
Vertical formwork
•
Foundations
•
Civil Works
•
Safety elements
•
Foundations

Advantages

Profitability

IRU-L3 contributes to reducing costs on site. With the same number of boards, a larger number of m^2 can be obtained.

Safety

Dimensional stability of the board and measurement accuracy.

Warranty

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

Versatility

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

Service

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

Quality

The product is certified according to UNE-EN 13353:2003.

Collaboration

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

Respect for the environment

All the timber used comes from countries with a sustainable forestry policy.

Technical Characteristics

Board

Formwork board with three layers of timber glued together. The two outer boards are glued lengthwise and the inside board is glued crosswise.

Gluing

Gluing with Melamine Urea Formol (MUF) under controlled temperature and pressure conditions, based on the SWP/3 Exterior condition of the UNE CEN/TS 13354 standard.

Timber

We use Central European conifer timber (Fir and/or Pine).

Humidity

100% automated humidity control systems.

Surface

Protected from the concrete by means of a melamine layer applied under controlled pressure on temperature conditions.

Marking

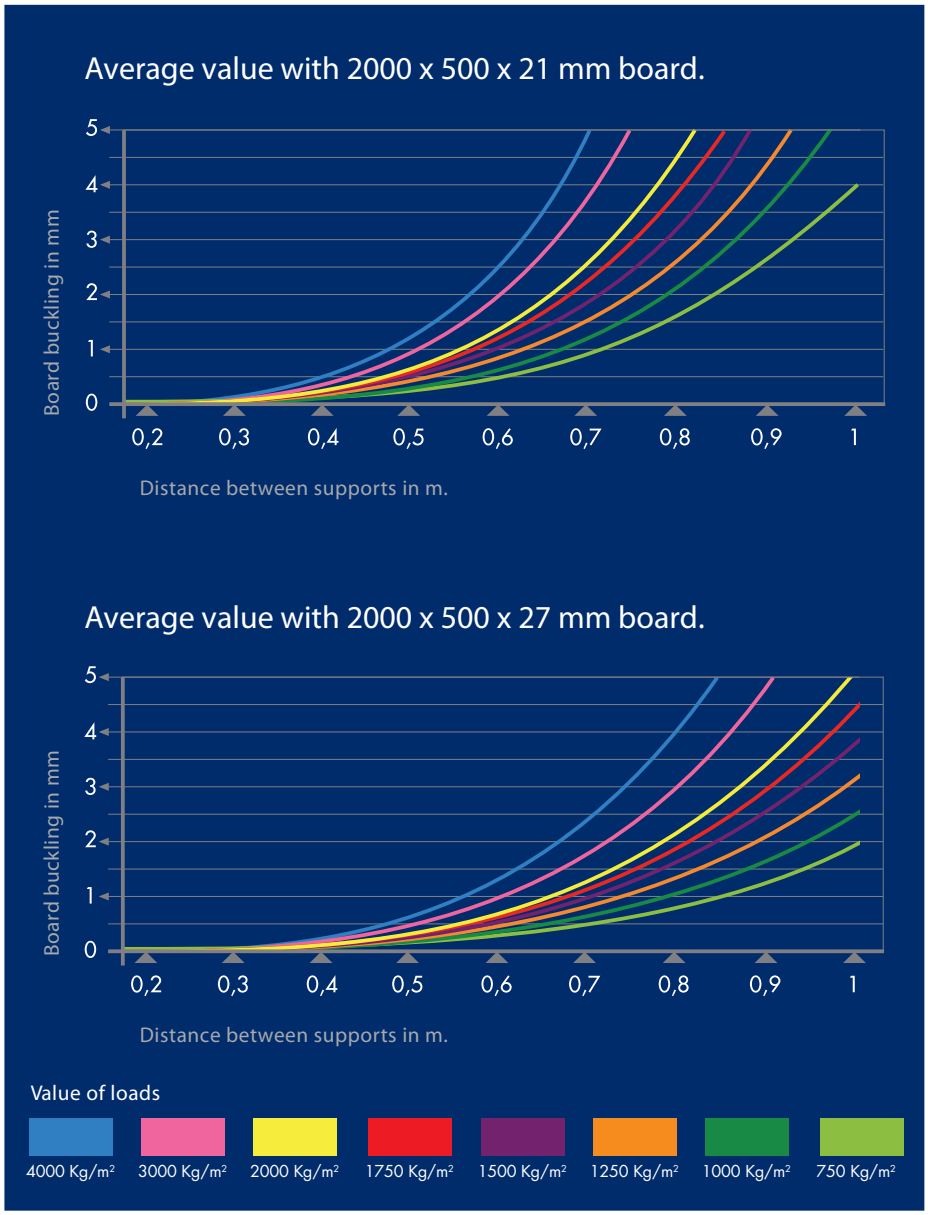
All boards marked to guarantee traceability

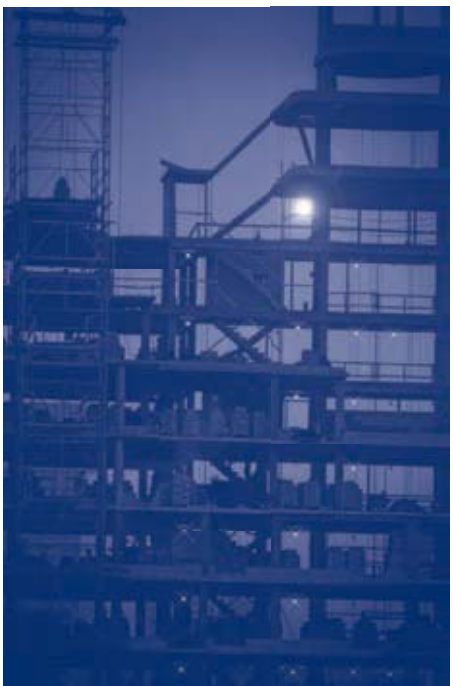
Bending Resistance

Thickness: 27 mm.
- Average = 42.4 N/mm^2.
- Lower quantile from 5%=30.4 N/mm^2 (calculated according to EN 13353).

Elasticity Module

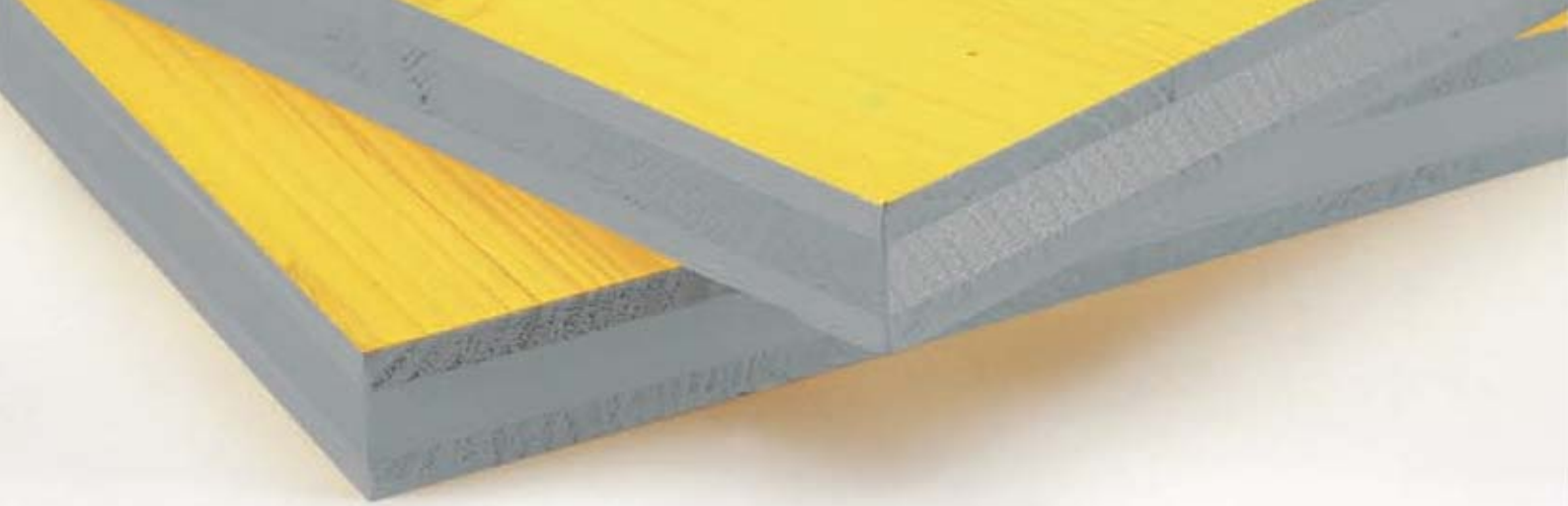
Thickness: 27 mm.
- Average = 12.393 N/mm^2.
- Lower quantile from 5%=7.284 N/mm^2 (calculated according to EN 13353).





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 these after use and until they are utilised again.
- Store indoors protected from meteorological conditions.
- 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.



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Standard sizes

Length: 970, 1000, 1500, 1970, 2000, 2500 or 3000 mm*
Width: 500 mm*
Thickness: 21, 27 mm**

Special sizes are possible. Please consult us for availability and delivery dates.

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

**Tolerance in thickness of ±1mm 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^2
Thickness 27 mm: 13 Kg / m^2

Metal profile

Boards can be strengthened by means of galvanised steel metal profiles.

Only available for lengths of 970, 1000, 1500, 1970, 2000 and 2500 mm.

www.lana.eu

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AENOR ER Empresa Registrada ER-0585/2000

CERTIFIED IQNet MANAGEMENT SYSTEM

UNE-EN ISO - 9001:2000

MONDRAGON HUMANITY AT WORK Finance Industry Retail Knowledge

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