



	Horizontal formwork	Vertical formwork	Exposed formwork	Curved formwork	Formwork systems	Precast concrete	Stages	Vehicle floors	Industrial flooring	Packaging	Furniture	Decoration	Ceilings	Walls	Flooring	Scaffolding
	✗			✗		✗										
	✗	✗	✗	✗		✗										
	✗	✗		✗	✗	✗										

✗ Recommended product    ✗ Alternative product or product that meets the basic requirements

## AESTHETIC LIMITATIONS

While our formwork panels are top-quality European products for concrete casting, their suitability for creating decorative elements is not guaranteed (wood grain, knots and other characteristics in the wood surface can be reflected)

Validate the finish of the panels on a small scale before use.

Conditions of use	Products
<p>Scope of conditions of use outdoors 3.2. according to UNE-EN 335 "Durability of wood and wood-based products".</p> <p>Classes of use:                      Exterior. Above ground, exposed to the elements.                      Panels remain wet for long periods*.                      Water may accumulate.</p>	  

\* Laudio Form and Laudio Form Plus panels are designed for temporary outdoor use.

## GENERAL RECOMMENDATIONS

- After cutting, the edge must be sealed again to maintain class of use 3.2. according to UNE-EN 335. Claims will not be accepted if it is evident that the defect originated because the edges were not sealed before use.
- For proper installation of the boards (screwing, distance between boards, etc.), please refer to **UNE-ENV 12872**, «Wood-based panels. Guidance on the use of load-bearing boards in floors, walls and roofs» or our «User manual and best practice document» of Laudio.
- It is of utmost importance that before their use, plywood panels receive a treatment with a release agent. This good practice minimizes damage in the concrete when removing the board.
- It is recommended to wet the boards just before pouring the concrete to improve its finish.
- Claims will not be accepted if damages to the board caused by the vibrator used during the formwork process are evident.
- While the boards are stored or the formwork table is being constructed, cover them to protect against direct exposure to weather conditions and/or the accumulation of water.

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## RIPPLING

Rippling is a natural phenomenon independent of installation and inherent to the wood. Wood fibres swell, creating waves in the face of the wood. This may occur in conditions of high humidity.

It can be seen on the surface of the panels. It is more pronounced when the panels are first used since the variation in humidity is most abrupt.

Due to the gap that should be left between panels to take account of potential dimensional changes, it is recommended to place the panels in a metal framework so that water does not enter through the edges; or seal them with a weather strip to make the table watertight; or add silicone at the joints. This way, the edges of the panels will not delaminate due to water accumulation, and the concrete mix will not escape. This good practice protects the boards from the rippling effect.

After some uses, the rippling effect tend to disappear.

As alternative product, we recommend using the 440 gr/m<sup>2</sup> side of the Laudio Top Form panel and to properly seal the edges with two coats of paint.

As it is a defect inherent to the wood, claims for this reason will not be accepted.