

Quick Guide: the HONEXT® board

Handling and Storage

HONEXT® boards must be transported with care and stored flat or horizontal like other fibre boards. They should be stacked front side facing up, by dimensions and mounted on supports that allow the material to be handled without damaging. Stored panels should be protected from sudden humidity and temperature changes. Take special care with the edges whenever the material is handled. Do not rest the full weight of the board on the corners.

Gluing

HONEXT® offers great bonding results with standard industry wood glues as the material absorption is higher than resin based fibreboards. It can be glued without using pins or screws under high pressure. To avoid impact on the panel's recyclability we recommend using non-toxic adhesives such as PVA or Methyl cellulose.

Fixings

HONEXT® boards do not require pre-drilling before screwing on their main surfaces. However, it is always recommended to drill a pilot hole for maximum performance. Edges must always be pre-drilled to avoid splitting. All wood screws will work on HONEXT® panels, although untapered sheet-metal or production screws can give even better results for some applications.

Pinning is a clean and easy way to install HONEXT®. The boards can be pinned on grid structures using a pneumatic nail gun. To minimise the use of pins when installing HONEXT® on a wooden structure, we recommend using also PVA glue.

More Information

Please consult the "Technical documents" on our website, at honextmaterial.com/downloads or contact your supplier for further details.

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Processing

HONEXT® boards can be easily processed with great results, as any wood-based boards. The boards have short fibres and no resin binders therefore must be machined using higher RPM than other fiberboards. To avoid tool wear and burns caused by high friction, the tools should never reach more than 300 degrees celsius.

ROUTING: 20000+rpm

DRILLING: 12000+rpm

TABLE SAW: 4000+rpm

The dust generated when processing HONEXT® boards is dense, but in no case it is toxic nor emits formaldehyde or VOCs. Regardless, the dust should not be inhaled and the use of protection gear and dust extraction systems is highly recommended.

Panel general information:

THICKNESS TOLERANCE: +/- 0.5mm

DENSITY: +/- 540 kg/m³

FORMAT: 2440x1220x12mm

Visit honextmaterial.com/downloads for further details.

Coatings

HONEXT® can be coated with most common types of paints and oils. Coating must be applied on both sides to avoid any stress that results in the unwanted curvature of the board. A single-sided finish should only be applied when the product is fixed to a solid structure. To minimise absorption use a primer or a base coat and let it fully dry before applying the final coat.

HONEXT®

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