

Raw Natural Wood Veneer on a Non-Woven Fabric Backing

BOIS BRUTS

hubler
la matière pour la création

COMPOSITION

VENEER	These are sheets whose surface consists of natural wood veneers that have been sliced and joined in a solid-layer configuration (with glued joints).
PRIMER	These veneers are then laminated onto a nonwoven fabric (TNT) backing using a proprietary process. The resins and technique used prevent any moisture or solvents from seeping through during subsequent lamination steps (applying adhesive to the back of the panels and laminating them onto a substrate by the user).
DEVELOPMENT	Hubler®'s natural Legnoflex wood veneers are supplied defibered* (*except for item N209) with a rough, finely sanded surface, allowing for staining and finishing (varnished or waxed, etc.). The natural veneers, rigorously selected for the manufacture of these sheets, are generally assembled by mixing bundles of veneers (2 to 3 on average) from the same log, sliced on the flat (figured veneer) or on the quarter (quarter-sawn veneer). This method is commonly referred to as "single-layer assembly." Upon request: Other types of assembly (slid, open book, or mixed-lay) can be accommodated. These sheets are delivered without protective film.

STANDARD DIMENSIONS

SIZES: 250 x 125 cm and 305 x 125 cm (see price list for availability of the Hubler collection)
Note: The first dimension indicates the grain direction. We can also produce a sheet with the grain running "across."
Upon request: We can accommodate other formats, including the "porte" format.

THICKNESS: approximately 5.5/10 mm (varies depending on the wood species). Note: approximate dimensions (wood veneers).

ESTIMATED WEIGHT: 0.5 kg/m²



APPAREILLAGE

SINCE WOOD IS A NATURAL PRODUCT, DIFFERENCES IN STRUCTURE AND COLOR MAY BE NOTICED BETWEEN SAMPLES AND SHEETS
FROM THE SAME DELIVERY.
These variations in structure and/or color cannot be considered a nonconformity.
HUBLER recommends inspecting and matching all sheets before installation.
Each sheet is identified with its product reference and a manufacturing lot number on a label affixed to the end of the sheet on the back side.
This batch does not guarantee a homogeneous set.
It is important to inspect the goods and identify any batches before use.
However, it is possible to request a homogeneous delivery of up to 10 or 20 sheets, depending on the wood species, for an additional charge.
This internal, subjective sorting process does not preclude inspection by the customer upon delivery. Beyond that, please consult us if you wish to receive veneer from the same batch for your projects. No claims will be accepted once cutting and/or pressing have been completed.

COMPOSITION

BENDING	Can be bent to a concave or convex shape when cold, with a radius of curvature that varies depending on the wood species and the direction of bending (on average, approximately 5 cm in the longitudinal direction and 12 cm in the transverse direction; to be verified on a case-by-case basis).
POST-FORMING	Our sheets are not of post-formable quality.
DIMENSIONAL VARIATIONS	Given their composition and manufacturing techniques, these sheets are relatively sensitive to temperature and humidity conditions. As a result, they may exhibit some warping. Dimensional variations Longitudinal: 0.4% Transverse: 1.2%
FORMALDEHYDE EMISSIONS	Sheet classified under the VOC A+ label.
ENVIRONMENTAL CERTIFICATION	Legnoflex® products can be FSC®-certified upon request (FSC® license -C201649).
FIRE RESISTANCE	Products less than 2 mm thick are not subject to the Euroclass standards (see EN 438-7). Our Legnoflex® sheets do not have a fire-retardant treatment applied to the wood substrate.
LIGHT RESISTANCE	Given their nature, the regular or irregular aging of veneers is strongly influenced by the stains and finishes applied by the user, regardless of whether the finished panels require protection from sunlight and moonlight.

STORAGE

Before gluing, and to prevent moisture absorption and warping, the sheets must be stored and packaged for several days in a closed, dry room along with the backing materials and balancing sheets.

The conditions to be observed are:

TEMPERATURE: 18 to 25°C.
RELATIVE HUMIDITY: 40 to 60%.

The sheets must be laid flat—never directly on the floor, in stacks, or in racks. The decorative surfaces should face each other; the last sheet should be placed with the back side up and covered to keep it flat. In an excessively humid environment, Hubler® Legnoflex sheets may warp. Protect these sheets from direct sunlight and moonlight.

IMPLEMENTATION

Generally speaking, these sheets are processed and installed in the same way, using the same tools and adhesives and on the same substrates as laminates, with the following exceptions:

SUPPORT	Use substrates that are flat (properly graded), clean, and porous. However, thanks to the low density of its underlayer, the Hubler® Legnoflex sheet can compensate for some surface irregularities in the substrates used.
PROTECTION	Writing on the surface with a marker or pen could damage the veneer. During the fabrication process in the workshop, it is recommended to always protect the surfaces of the veneers exposed to moonlight and sunlight to prevent discoloration. Do not leave any accessories on the veneers to prevent marks from forming on the wood.
BALANCING	To counterbalance the panels, do not use standard decorative laminates, as their coefficients of expansion differ. Use the counterbalances recommended by Hubler (see Hubler price list).
FINISH	• It is recommended to sand the veneer first before applying any finish • Surface and edge veneering: possible with natural or synthetic products. • For water-based stains, it is recommended to perform this step after stabilization (once the adhesive has dried). NOTE: Since the surface veneer is thin to achieve the desired flexibility, the user must take care not to damage the drill hole by sanding too aggressively before finishing. • When using products with a high solvent content, ensure that the solvents are properly dispersed (to prevent cracking after drying).

COLLAGE

Vinyl bonding or white glue type PVAC D3 under hot press: pressure 3 kg/cm 2, maximum temperature 60 to 70° C and a pressing time of 1mn30 are recommended.
• Cold pressing: press time of at least 20 to 30 minutes.

Bonding by neoprene-type glue (with solvents): precautions are required for implementation, referring to the glue manufacturer's instructions and checking the compatibility of finishing varnishes (PU with solvent) to avoid any deterioration in the veneer. Neoprene glue stains must be removed immediately without using solvents.

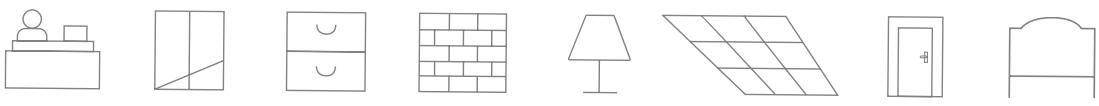
GLUING AND DRYING THE GLUE: To be carried out at the same time and homogeneously over 100% of the surface area of the supports and backs of the Bilegno® sheets from Hubler. Wait for the total evaporation of the solvents and the drying of the glue before applying the sheet on its support (in this regard, respect the prescribed open times).

MANUAL PRESSING (MAROUFLAGE): Always apply Hubler's Legnoflex® to its backing from the middle to the sides. The masking must be done with regular pressure in both directions and over the entire surface to gradually push the air towards the sides (on which the pressure must be further increased). This operation must be carried out with the entire body weight (and renewed after the Legnoflex® sheet from Hubler and the support have been brought into full contact) using a very hard, two-handled rubber-coated feeder roller.

VERIFICATION AND POSSIBLE PROBLEMS AFTER BONDING AND BEFORE APPLICATION: Once the Legnoflex® sheet of Hubler is glued, check that there are no improvements related to bonding, using grazing light. The presence of blisters in places is due to a lack of glue, insufficient drying of the latter (which can also lead to cracks in the veneer) or even insufficient pressure during bonding (pressure is essential to obtain a satisfactory bond). In this case, try to reactivate the glue using an iron.
to be ironed (with low pressure and insulation of the veneer surface by a piece of textile of sufficient thickness), taking care to avoid too much heat, which could discolor the wood. After this operation, carry out a new marouflage of the zone(s) concerned.

USE

Many uses in vertical and horizontal interior layout (precautions to be taken in case of heavy loads).
Avoid humid atmospheres except with suitable bonding and support.
No outdoor use.



MAINTENANCE

Natural Legnoflex® must always be coated with a protective finish and cannot be used as is.

WARRANTY

HUBLER guarantees the intrinsic quality of the leaves it markets as possessing
the characteristics defined in this document. It is specified that irregularities or imperfections in the surface are to be considered normal and do not constitute a defect of the products due to the use of natural wood as decoration of the leaves.

In view of the use of veneers, these sheets, if subjected to too high heat or a too dry atmosphere, may present cracks which, if necessary, would not constitute a defect of the products. Leaves behave like all woods and discoloration (regular or irregular) from excessive exposure to sunlight or lunar light cannot be considered a defect of the material.

In the event of a dispute, HUBLER's warranty and liability would be limited to the free supply of sheets that are not assembled as replacement for those deemed defective,
the implementation and destination of the products are otherwise beyond its control.
Technicians are available to assist customers in the event of specific technical problems.