

RECONSTITUTED WOOD VENEER ON LAMINATE

BOIS FINIS

COLLECTIONS
HUBLER'S LEGNOSTRAT®
NATURAL VARNISH

hubler
la matière pour la création

COMPOSITION

Sheets consisting of a natural wood veneer and a laminate backing.

VENEER	These are sheets whose surface consists of natural wood veneers that have been sliced and joined in a solid-layer pattern (with glued joints). A transparent film protects the varnished surface.
PRIMER	The backing consists of sheets of kraft paper impregnated with phenolic resin, which makes them highly flexible to work with. This laminated backing ensures excellent adhesion to suitable substrates.
DEVELOPMENT	Legnostrat® sheets are delivered with a matte-finish surface (5 to 10 gloss) made with a two-component polyurethane coating. The natural veneers, rigorously selected for the manufacture of these sheets, are generally assembled by combining stacks of veneers (2 to 3 on average) from the same log, sliced either on the flat (figured veneer) or on the quarter (quarter-sawn veneer). This method is commonly referred to as “single-layer assembly.” Upon request: We can accommodate other types of binding (slip-in, open book, or mixed binding) and other types of finishes. The sheets come with a protective film.

STANDARD DIMENSIONS

SIZES: 305 X 125 CM
Note: The first dimension indicates the grain direction of the wood
Upon request: Other sizes can be accommodated

THICKNESS: APPROXIMATELY 10/10 MM.
Note: Approximate dimensions (wood veneers)

ESTIMATED WEIGHT: 1.7 kg/m²

EQUIPMENT

Since wood is a natural product, differences in texture and color may be observed between samples and sheets from the same shipment.
These variations in texture 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 lot does not guarantee a homogeneous batch.
It is important to inspect the merchandise and identify any lots before installation.
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 the customer from inspecting the goods upon delivery.
Beyond that, please contact us if you wish to receive veneer from the same batch for your projects. No claims will be accepted once cutting and/or pressing has been completed.

TECHNICAL SPECIFICATIONS

BENDING	Concave or convex when cold-bent, with a radius of curvature that varies depending on the specifications and the direction of the bend. Cold bending up to a radius of 20 cm.
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	Legnostrat® products can be FSC®-certified upon request (FSC® license -C201649).
SURFACE RESISTANCE	The protective coating on their surface gives these sheets limited resistance to abrasion and scratches
FIRE RESISTANCE	Products less than 2 mm thick are not subject to the Euroclass standards (see EN 438-7). Our single-sheet laminates do not have a fire-retardant treatment on the kraft layer.
LIGHT RESISTANCE	Given their nature, the veneers used in the designs of these sheets undergo a uniform change in color over time, which varies depending on the product code. Without adequate protection from sunlight or moonlight, irregular discoloration of the veneer may occur in some cases. This should not be considered a nonconformity.

STORAGE

Before installation, and to prevent 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%.

They should be laid flat (without touching the floor), in stacks or in racks.
The decorative sides should face each other, and the top sheet should be placed face up and covered to keep the stack flat.

They must also be protected from sunlight and moonlight.

IMPLEMENTATION

In general, these sheets are processed and installed in the same way, using the same tools and adhesives and on the same substrates as standard decorative laminates, with the following exceptions:

SUPPORT	Given the reduced thickness of the sheets (to minimize the darker edge), use backing panels that are perfectly clean and flat (properly calibrated).
PROTECTION	All of these sheets are protected on the surface by a transparent plastic film. This film should not be removed by the user until the veneering and panel fabrication are complete. Any writing with a marker or pen could damage the veneer. During the fabrication phase in the workshop, it is recommended to always protect the veneer surfaces exposed to moonlight and sunlight to prevent discoloration. Do not leave any accessories on the veneers to prevent marks 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).



COLLAGE

Vinyl adhesive or PVAC D3-type white glue under heat press: a pressure of 3 kg/cm², a maximum temperature of 60 to 70°C, and a pressing time of 1 minute and 30 seconds are recommended.
• Cold pressing: a pressing time of at least 20 to 30 minutes.

Bonding with neoprene-based adhesive (solvent-based): Follow the adhesive manufacturer's instructions carefully, and verify the compatibility of the finishing varnishes (solvent-based PU) to prevent any damage to the veneer. Neoprene adhesive stains must be removed immediately without using solvents.

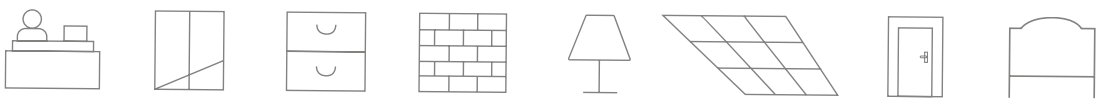
APPLYING ADHESIVE AND ALLOWING IT TO DRY: This must be done simultaneously and evenly over 100% of the surface of the substrates and the back of the Hubler Legnostrat® sheets. Wait until the solvents have completely evaporated and the adhesive has dried
before applying the sheet to its substrate (in this regard, observe the specified open times).

MANUAL PRESSING (SMOOTHING): Always apply the Hubler Legnostrat® sheet to its substrate, starting from the center and working toward the edges. Smooth the sheet using even pressure in both directions and across the entire surface to gradually force the air toward the edges (where pressure should be even greater). This operation must be performed using your full body weight (and repeated after the Hubler Legnostrat® sheet and the substrate are fully in contact) with a double-handled, very hard rubber-coated smoothing roller.

INSPECTION AND POTENTIAL PROBLEMS AFTER GLUING AND BEFORE FINISHING: Once the Hubler Legnostrat® sheet has been glued, check for any gluing-related imperfections using oblique lighting. The presence of blisters in some areas is due to a lack of adhesive, insufficient drying of the adhesive (which can also cause cracks in the veneer), or insufficient pressure during bonding (pressure is essential for a satisfactory bond). In this case, try to reactivate the adhesive by using an
iron (applied with light pressure and with the veneer surface protected by a piece of fabric of sufficient thickness), taking care to avoid excessive heat, which could discolor the wood. After this step, re-press the affected area(s).

USE

Wide range of applications in vertical and horizontal interior design
(precautions should be taken in cases of heavy loads).
Avoid humid environments unless proper adhesive and substrate are used.
Not for outdoor use.



MAINTENANCE

Clean with lukewarm, slightly soapy water and a soft cloth.
Avoid abrasive products, polishes, and harsh solvents (such as acetone or trichloroethylene). However, you may use alcohol or a very low-concentration ammonia solution. Any product suitable for cleaning varnished wood furniture may be used.

WARRANTY

HUBLER guarantees that the sheets it sells possess the
characteristics defined in this document. It is specified that surface irregularities or imperfections should be considered normal and do not constitute a defect in the products due to the use of natural wood as the sheet's decorative finish.

Given the use of veneers, these sheets, if subjected to excessive heat or an overly dry environment, may develop cracks, which, if they occur, would not constitute a defect in the products. The sheets behave like any other wood, and discoloration (whether uniform or uneven) resulting from excessive exposure to sunlight or moonlight cannot be considered a material defect.

In the event of a dispute, HUBLER's warranty and liability shall be limited to the free supply of unpatterned sheets to replace those found to be defective,

as the installation and intended use of the products are otherwise beyond its control.
Technicians are available to assist customers with specific technical issues.