

RECONSTITUTED WOOD VENEER ON LAMINATE

BOIS BRUTS

hubler
la matière pour la création

COMPOSITION

VENEER	The surface, made of FSC-certified reconstituted wood veneer (Legnotech®), is covered with several layers of polyurethane acrylic varnish.
UNDERLAY	The underlay consists of kraft paper sheets impregnated with phenolic resin, which gives these sheets great flexibility in their use.
COMPOSITION	This laminated underlay guarantees the user excellent durability on suitable substrates. Reconstituted wood veneers (Legnotech®) are natural wood veneers worked using a highly sophisticated technique. The first operation consists of unrolling clear wood of primary quality (poplar, ayous, etc...), depending on the structures of the references you wish to obtain. Once these woods are unrolled, the veneers are massified with a constant width to form a block. Most veneers are then decolorized to give them a uniform base colour. The dyeing of veneers is carried out with dyes in aqueous solution. The veneers are then stacked and glued under high pressure to form a block whose shapes are given by a mould incorporated in the press. Each block reproduces the desired wood species with homogeneity of color and structure. The leaves (Legnotech®) may eventually have pimples, small knots, small cracks, small slits, etc., which are inherent in the manufacturing process and cannot be considered anomalies. The traditional slicing then takes place and, depending on its inclination, the desired structure is obtained (thread, stem, etc...).

STANDRD DIMENSIONS

FORMATS: 305 x 125 cm
N.B.: the first dimension gives the direction of the wood grain
On request: Possibility to adapt other formats

THICKNESS: ABOUT 10/10 MM.
N.B.: approximate dimensions (wood veneers)

ESTIMATED WEIGHT: 1.7kg/m 2

EQUIPMENT

Despite the industrial process providing homogeneity by batch production, it is advisable to check and match all sheets before their implementation.
Each sheet is identified with its product reference and manufacturing date.
Between different production batches, any variations in structure and/or color cannot be considered as a non-conformity.
PLEASE CONSULT US IF YOU WISH TO BE DELIVERED FROM THE SAME BATCH
FOR YOUR WORKSITES.

No claim can be taken into account once the debit and/or pressing has been carried out.

TECHNICAL DETAILS

BENDING	concave or convex with a radius of curvature that varies depending on references and the direction of bending. Cold bending up to a radius of 20 cm.
POST-FORMAGING	Our sheets are not post-formable quality
DIMENSIONNAL VARIATIONS	Given their composition and manufacturing techniques, these sheets are relatively sensitive to temperature and humidity conditions. As a result, they may have some ripples. Dimensional variations Longitudinal: 0.4% Cross-sectional: 1.2%
FORMALDÉHYDE EMISSION	Sheet classified under label COV A+
ENVIRONMENTAL CERTIFICATION	Legnostrat® can be FSC® certified upon request (FSC® - C201649 license).
FIRE RESISTANCE	Products with a thickness of less than 2 mm are not covered by the Euroclasses standards (see Standard EN 438-7). Our laminated sheets alone do not have a fire-retardant treatment at the kraft.
LIGHT RESISTANCE	Given their nature, the veneers that make up the decorations of these sheets show, after aging, a homogeneous change in their variable color depending on the references. Without sufficient protection from sunlight or lunar light, in some cases irregular discoloration of the veneer can be observed. This cannot be considered as non-compliance.

STORAGE

Before gluing and to avoid deformations, the sheets must be stored and packaged for several days in a closed and dry room at the same time as the supports and balancing.

The conditions to be met are:

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

They will be laid flat (without contact with the ground), in stacks or in lockers.
The decorative surfaces will be face to face and the last sheet will be placed back in the air.
and will be covered to keep the battery flat.
They will also need to be protected from solar and lunar radiation.

IMPLEMENTATION

Generally speaking, these sheets are worked and installed in the same way, with the same tools and glues, and on the same supports as conventional laminate decors, apart from the following requirements:

SUPPORT	Given the reduced thickness of the sheets (to limit the darker edge), use support panels with perfect cleanliness and flatness (well calibrated).
PROTECTION	Any writing with a marker or pen could damage the veneer. During the transformation phase in the workshop, it is advisable to always protect the veneer surfaces exposed to lunar and solar rays. to avoid discolorations. Do not leave accessories on the veneers to avoid marking the wood.
BALANCING	To counterbalance the panels, do not use conventional decorative laminates because the coefficients of expansion are different. Use the balancing recommended by Hubler (see Hubler rate).



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.

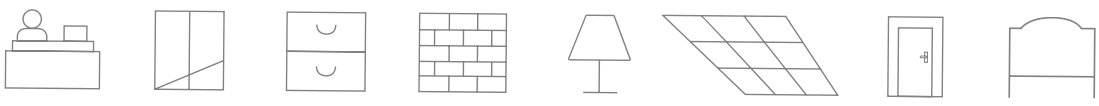
GLUING AND DRYING THE GLUE: To be carried out at the same time and homogeneously on 100% of the surface of the supports and the back of the Hubler's Le- gnostrat® sheets. Wait for the total evaporation of the solvents and the drying of the glue before applying the sheet on its support (in this regard,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

MANUAL PRESSING (MAROUFLAGE): Always apply the Legnostrat® sheet from Hubler to its support, starting from the middle and working toward 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 repeated after the Legnostrat® sheet from Hubler and the support have been brought into full contact) using a very hard, two-handled rubber-coated feeder roller.

CHECKING AND POSSIBLE PROBLEMS AFTER GLUING AND BEFORE FINISHING: Once the Legnostrat® sheet of Hubler is glued, check that there are no imperfections related to the bonding process, 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 a
iron (with low pressure and insulation of the veneer surface by a piece of textile of sufficient thickness), taking care to avoid too much heat that could discolour 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

The raw Legnostrat® must always be covered with a protective finish and cannot be used as is.

WARANTY

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.