

## Product and technical data sheet

### Green Blade veneer®

Green Blade® is a sliced veneer, assembled without splicing, and is raw and ready for application (1250x2500mm) with a horizontal grain.

#### Characteristics

	Green Blade®
<b>Composition</b>	Banana trunk sliced on a non-woven FSC certified backer.
<b>Origin</b>	Banana plant : produced in France Green Blade : made in France
<b>Thickness (mm)</b>	0,2
<b>Bending (mm)</b>	5 (in both grain directions)
<b>Finition</b>	none, delivered raw
<b>Translucent</b>	Upon request (with correct backing)
<b>Standard Dimensions (mm)</b>	1250 x 2500



#### Colour range



Grenada



Porto Rico



Martinique



Saint Barth



Aruba



Barbados



Anguilla



Havana



Dominica



Bahamas

## Application for Green Blade® veneer

### Substrates

The Green Blade sheets can be applied to all general substrates (paper-board, particle boards, MDF, plywood...) on a flat surface that is well degreased with all dust removed. Application to a metal surface requires a good surface preparation, in particular a good degreasing with a powerful grease-remover.

### Balancing

To counterbalance the Green Blade sheets, we do not advise the use of traditional laminates, these two materials having different dilation coefficients. When Green Blade is used to make panels, it is advised to balance with a sheet of Green Blade of the same thickness and to apply the same finish to the 2 faces. For wall solutions, on the other hand, it is possible to veneer only one face of a panel in Green Blade if the panel is held rigid by a wall-mounting device or framework. In this case, without guarantee on our part, the other face will need to be isolated from moisture and can be painted, lacquered or varnished by a vapour resistant product

### Gluing

Surfaces to be assembled must be solid, rigorously dry, clean, and have all dust, sawdust and traces of grease removed from them.

Gluing with a press : Gluing using a veneer press is the surest method. In this case, one can use traditional adhesives for laminated panels (vinyl adhesive, Urea Formaldehyde glue, etc). When gluing is carried out under a hot press, do not exceed 70° C. Above this temperature, there is a risk of creating harmful tensions between the various elements.

### Machining

The operations of sawing, milling and drilling can be carried out with all of the machines usually used for the machining of veneered panels.

### Finishing

Green Blade sheets are 100% natural and delivered as such. In order to limit lightening or discoloration of the sheets due to the photosensitivity of the banana fibre, we recommend protecting the sheet (base coat and varnish for veneering applications). It is recommended to use an anti-UV filter solution for certain applications.

It is recommended to brush (ginning brush) the veneered panel before applying a base coat. Should you not possess a production line with a brush, it is recommended to apply at least one layer of base coat without pre-sanding. Before applying the finishing coats it is necessary to lightly sand the base coat (320/400 grit) in order to eliminate any residual fibres that may have been pulled up, in particular where the slices of Green Blade meet. It is then recommended to apply two coats of a finishing product.