

# Technical information

**Viaplant® BOARD** was developed for the furniture industry and can be used in most areas where veneered materials are used. Most wood-based panels (e.g. chipboard, OSB, plywood, MDF, HDF) can act as the basis for Viaplant materials therefore we are offering pre-laminated sheets using Viaplant® Raw or Viaplant® Cast.

## CHARACTERISTICS

biodegradable, natural material.

## APPLICATION

cabinet doors, drawer fronts, table tops, room dividers, decorative surfaces.

Additional (varnish, foils) surface treatments can be applied to further increase durability and shine.

General edging techniques can be used to seal sawn edges. Solid wood edging or edge banding is recommended.

Can be customized for existing/custom wooden elements, e.g. for furniture, including wear surfaces (not floors)

## TECHNICAL DETAILS

**SIZES:** maximum size: 2400x1200 mm

**THICKNESS:** depending on the used carrier, typically between 3-53mm.

**WEIGHT:** depending on the used carrier

**WATER RESISTANCE:** moderately waterproof, can be used in wet environments

**FIRE RESISTANCE:** no

**UV RESISTANCE:** Viaplant Resin coating: UV resistant and slight fading is possible. Viaplant Raw coating: the surface can be strengthened with different varnishes according to the area of use.

**SURFACE HARDNESS:** Viaplant Resin coating: barcol 45. Viaplant Raw coating: the surface can be strengthened with different varnishes according to the area of use

**CUTTING:** Customisable with carpentry and diamond tools.

**FIXING TECHNIQUES:** with gluing, framing, point fixtures

**SUSTAINABILITY:** local plants as organic raw materials are used with a regeneration cycle of one year or less.

Zero waste manufacturing scope; during manufacturing we make every effort to optimise the process as much as possible to produce minimal to zero waste.

**Minimum order quantity (MOQ):** 1 panel (2,88 m<sup>2</sup>)

**DELIVERY TIME (lead time):** order based, 45 days lead time

**For indoor use only!**

## PLANT TEXTURES

Poa/grass

Rosa/rose

Peonia/peony

Eleagna/silverberry

Calam-triticum/bushgrass-straw

Solidago/goldenrod

Phragmit/reed

Lignum colour/tinted woodwool

Triticum/straw

Foli flavi/yellow leaf (yellow colour may vary)

Foli brun/brown leaf (brown colour may vary)

Calam-poa/bushgrass-grass

**We can also make unique samples from specific/local plants on request!**