

Technical information

Viaplant® TEXTILE is a lightweight and fully biodegradable green composite where plants are paired with textile sheets. The type and color of the textile as well as the amount of plant parts can be customized upon request.

CHARACTERISTICS

biodegradable, extremely light, natural material.

APPLICATION

Wall coverings: can be applied as wallpaper even at curved surfaces. Screens of room dividers, decoration. Due to its flexibility and translucency, it can also be used as lampshades. Additional elastic layers can be applied to further strengthen the material / increase its durability.

TECHNICAL DETAILS

SIZES: maximum size: 2400x1200 mm

THICKNESS: 1-1,5 mm

WEIGHT: very light ~ 50-100 g/m² depending on the amount of plants used

WATER RESISTANCE: not waterproof, cannot be used in wet environments (e.g. bathroom usage)

FIRE RESISTANCE: no

UV RESISTANCE: no

SURFACE HARDNESS: fragile, not resistant

CUTTING: it can be easily cut (with scissors, paper cutter knives). Possibility to cut into curved shapes

FIXING TECHNIQUES: with gluing or other techniques. Closing cut edges is necessary in all circumstances!

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.

FLEXIBILITY: flexible

TRANSPARENCY: non transparent/translucent surface depending on the fiber structure of the chosen plant/paper

Minimum order quantity (MOQ): 1 panel (2,88 m²)

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!