

MATERIALS & INTERIORS

VIAPLANT 2025



Viaplant manufactures plant-based, creative materials for the architecture and design industry.

ABOUT VIAPLANT

The Viaplant brand was founded by Lépték-Terv, a landscape architecture studio in Hungary. It started as a form of artistic expression of the landscaping experience, working with plants for over two decades. As a result of in-house research and development, Viaplant manufactures creative, plant-based materials with various solutions combining nature and science.

NATURE STORY MATERIAL

/// Storytelling concept

The Viaplant brand is fundamentally defined by its philosophy, the storytelling concept. The duality of form and function is complemented by a story that stems from the place of origin of the plants and the associated memories.

Plants from various locations tell us many things. They connect generations through the historical past and also effectively reflect on the present. They draw attention to the value of the green spaces around us, the importance of the relationship between man and nature, the importance of human relationships and our precious moments.



Biofilic Design

The materials are produced for the architecture and design industry, with unique aesthetics values determined by real plant components. Once they are illuminated, they offer a completely new experience
that can resonate with any home, hotel or office, whether residential or commercial indoor space. The coverings and objects can bring the atmosphere of nature into our interiors creating a relationship between landscape and people in the built environment.

VIAPLANT

MATERIALS

2025

CAST

8-15

VLIES

16-23

TEXTILE

24-31



GLASS

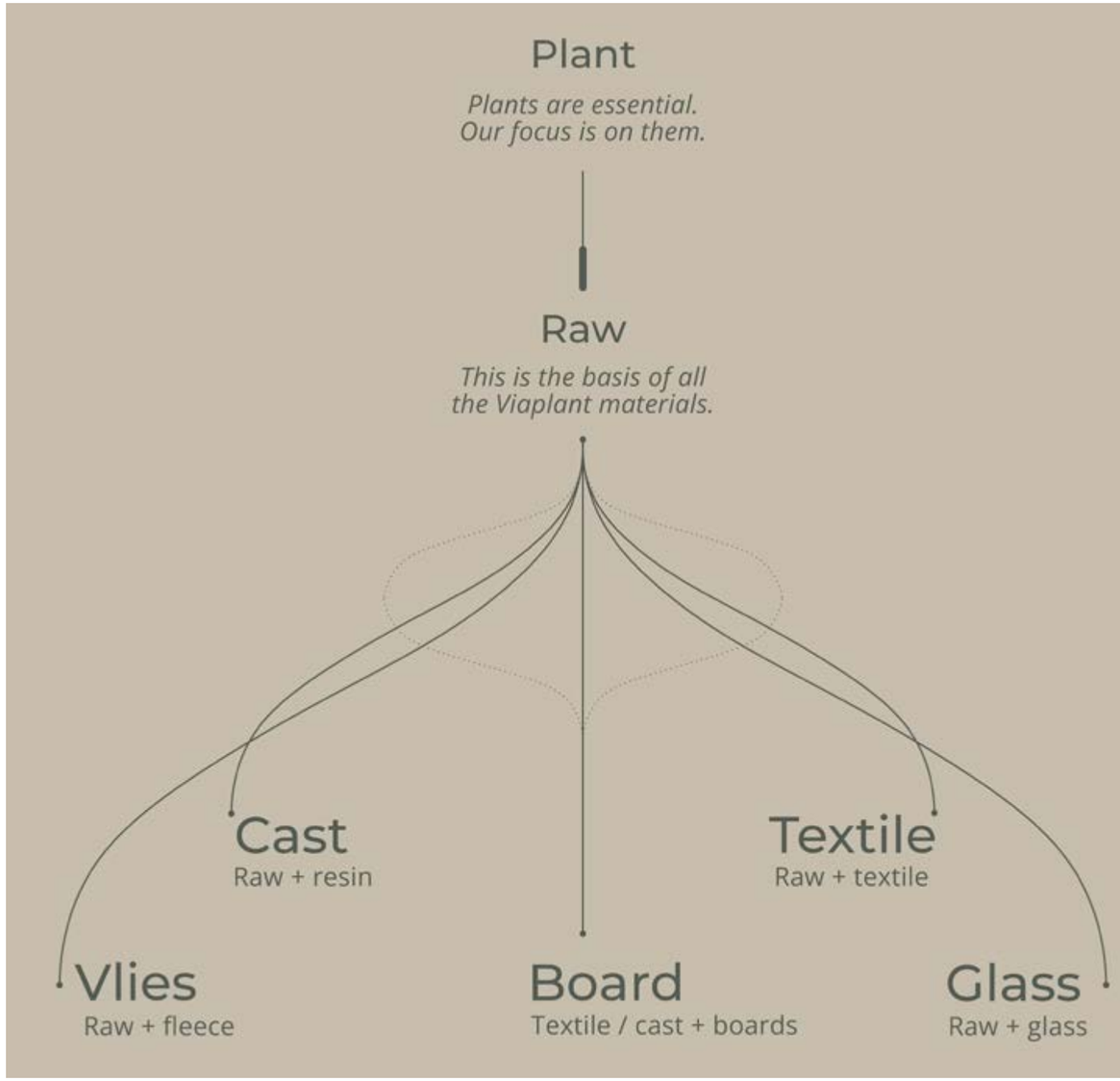
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BOARD

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PLANTS & TEXTURES

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VIAPLANT

MATERIALS

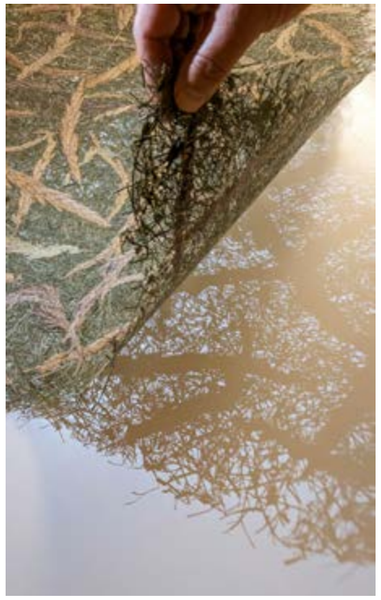
Our innovative design solutions bring the beauty and diversity of nature closer while creating unique value in living spaces.

2025



RAW

RAW is a lightweight sheet made of plant mesh. The plants are paired with an environmentally friendly, water-based adhesive providing tactile and visually engaging surfaces. This is the basis of all the Viaplant materials.











Viaplant® CAST captures nature's essence in a crystal-clear, durable form—where plants are preserved like timeless artifacts in amber.

Viaplant® CAST is a composite material where plants are paired with a resistant, water-clear binder, providing lightweight, durable, and easy-to-clean surfaces. Inspired by nature, we drew our concept from the timeless preservation seen in amber, where insects are perfectly conserved for millions of years. We harnessed this „technology" to create our plant surfaces, preserving the natural beauty and unique structure of plants while crafting a durable and aesthetically pleasing material.

2025

CHARACTERISTICS
durable surface
matte or glossy
3d depth
unique design

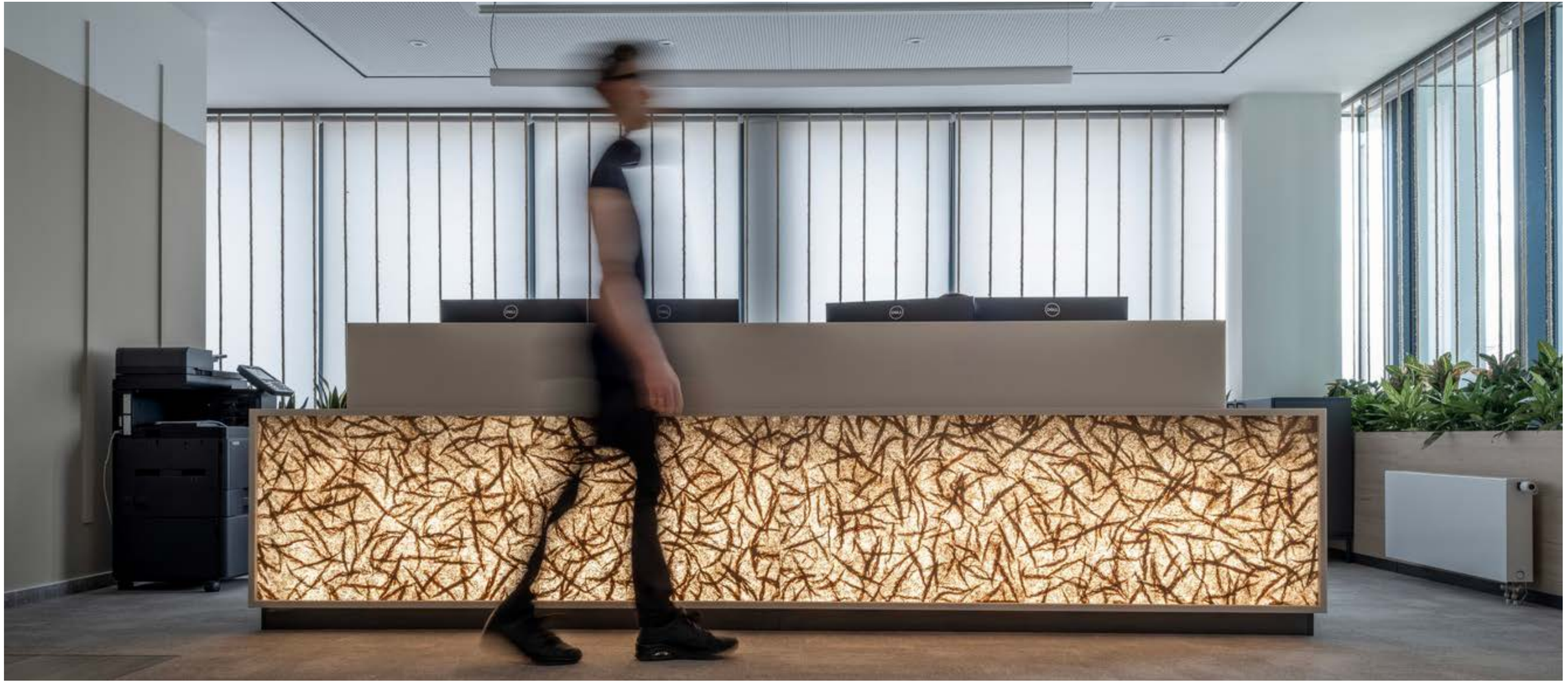
APPLICATION
illuminatted walls
wall coverings: wall tiles
partition wall
kitchen splashback
decoration, custom products

PRODUCTS
custom made products
lamp shades
furniture finishing

THICKNESS AND WEIGHT
3 mm ± 0.2-3 mm (~ 2.8-6 mm)
~ 3,8 kg/m2

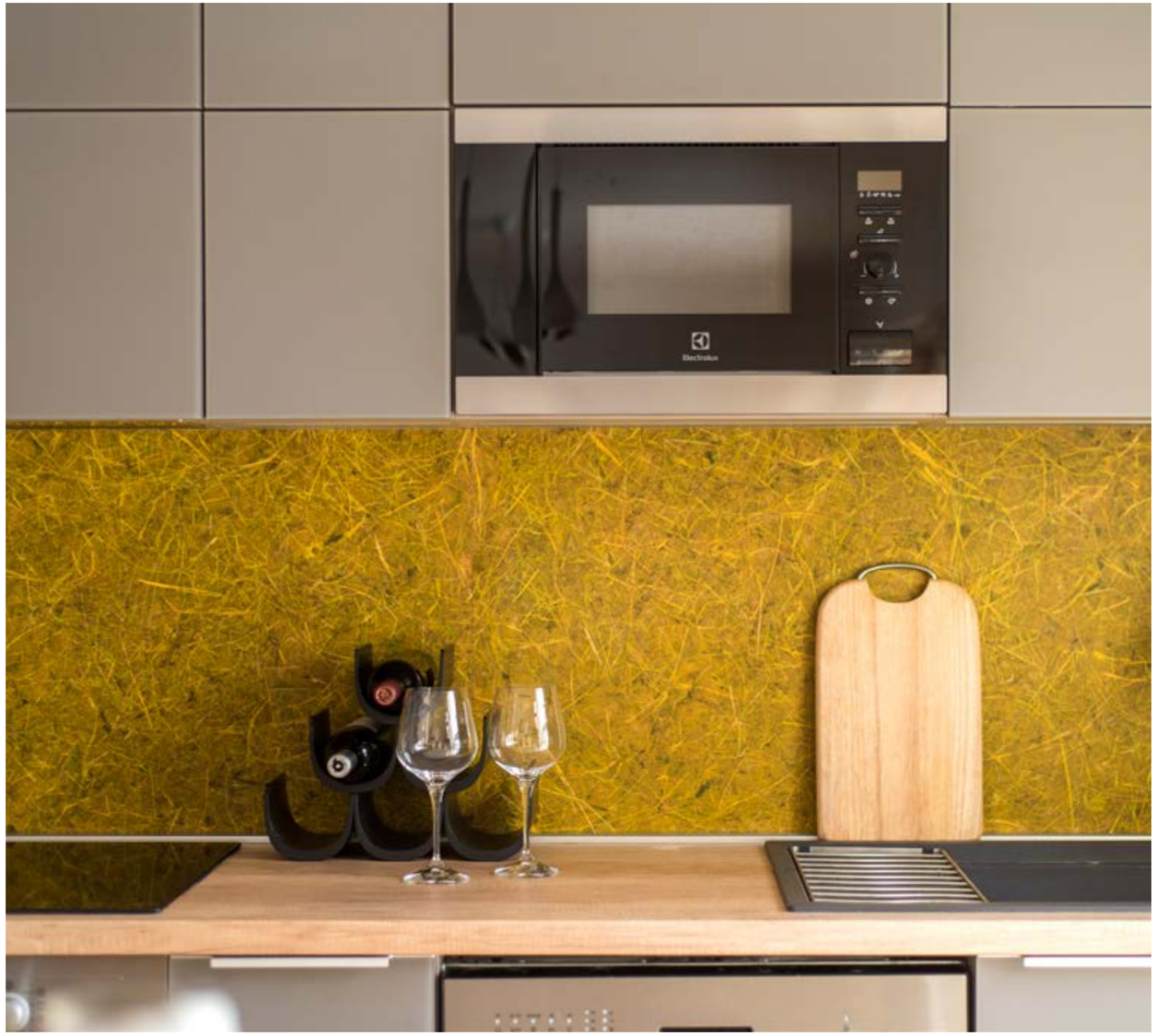
SIZES
2100x1100 mm
2400x1200 mm

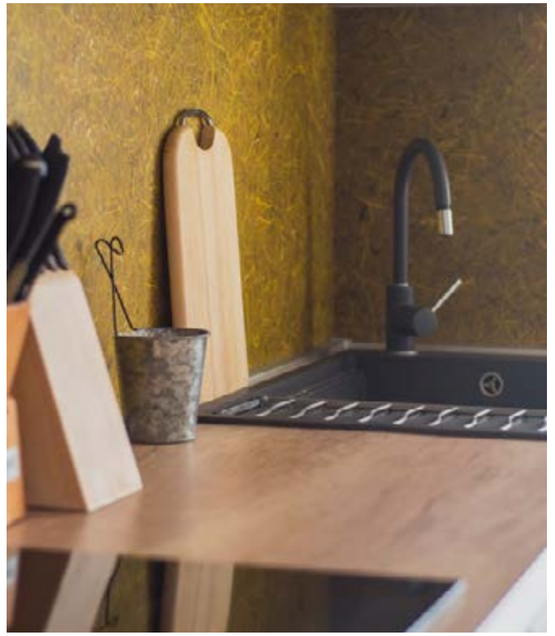












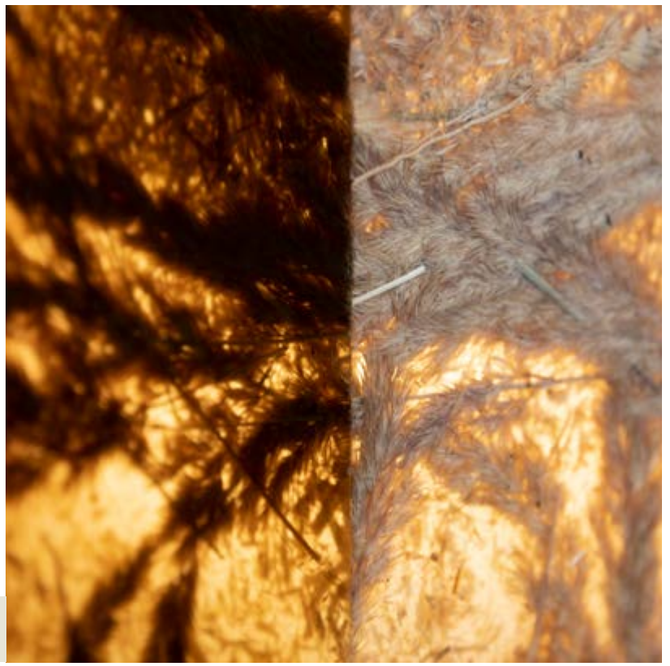


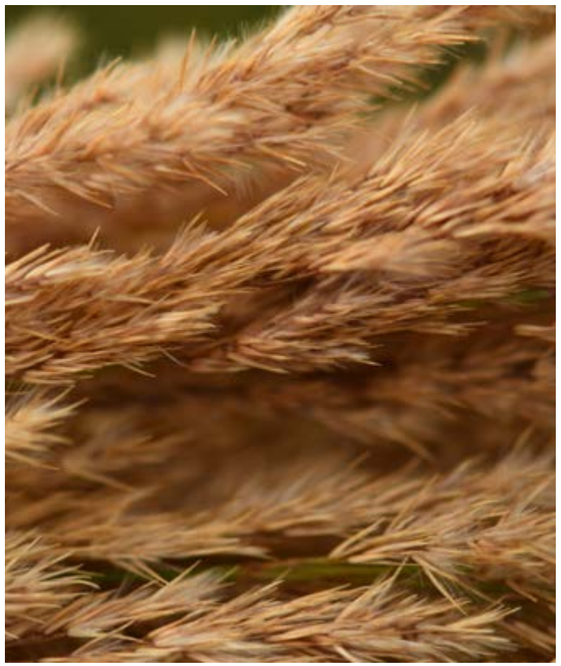














Viaplant® VILES where plants are paired with nonwoven fabric.

Immerse your space in the beauty of nature with our exquisite laminated wall panels, meticulously crafted with real preserved plant materials. Each sheet showcases delicate vibrant petals, and textured leaves, encapsulated beneath a crystal-clear protective layer that enhances their organic charm while ensuring durability. The intricate details of nature's artistry bring depth, warmth, and a sense of tranquility to any interior, making every wall a unique, living masterpiece. Perfect for those who appreciate natural elegance with a modern, lasting finish.

CHARACTERISTICS
extremely light
bendable
translucent
natural material
waterproof properties
resistance to UV radiation
low-temperature toughness
stress-crack resistance

APPLICATION
Framed Wallpaper
Fixed size wallpaper / mural

Wall coverings: can be applied as wallpaper
even at curved surfaces.

Screens of room dividers, partition walls, decoration.
Both one- and two-sided applications are possible
depending on the area of use.

THICKNESS AND WEIGHT

Weight: 980g/m2 (+/-20%)**

Thickness: 1.1 mm (+50/-20%)**

Opacity: >98%**

non-brethable

**the exact specification may vary due to chosen plant
material and it's density

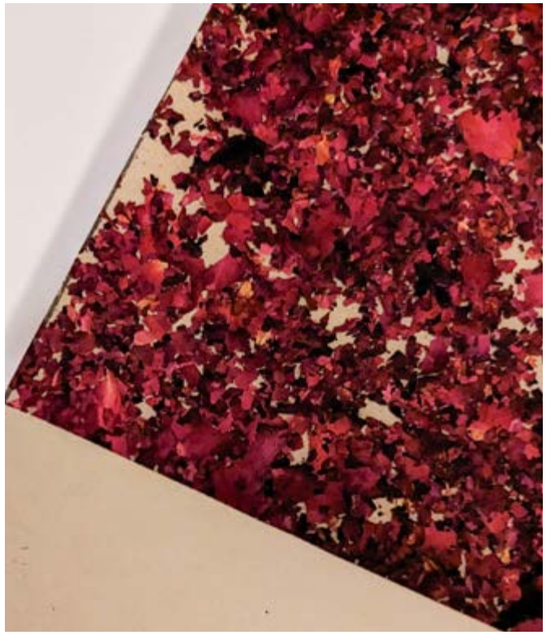
SIZES
maximum widht: 1150mm
maximum length: 2400mm


























VIAPLANT


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Viaplant® TEXTILE
is a lightweight, eco-friendly composite that fuses natural plant elements with textile sheets. Customizable in color, material, and plant composition, it offers a unique harmony of nature and design.

CHARACTERISTICS
extremely light
bendable
translucent
natural material

APPLICATION

Thanks to its flexibility and translucency, this material is ideal for use as lampshades.

It can also be applied as wallpaper, even on curved surfaces.

Additionally, it is suitable for screens in room dividers, partition walls, and decorative elements. Extra elastic layers can be added to enhance the material's strength and durability.

THICKNESS AND WEIGHT

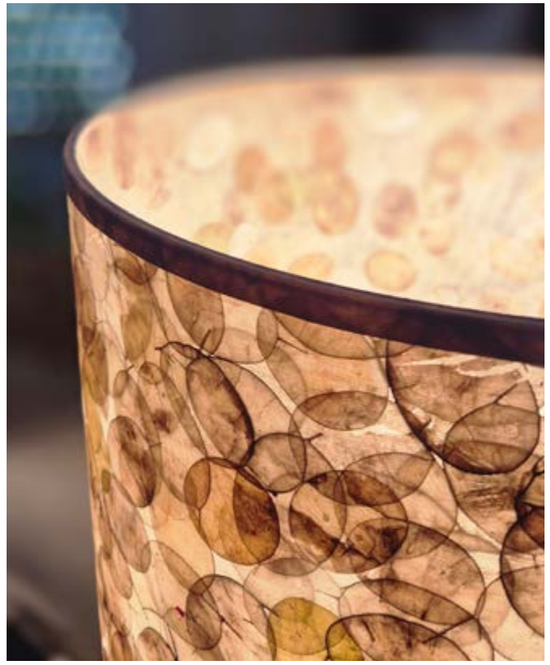
1-2 mm; depending on whether it has a single or double-sided plant cover

Weight ~ 500-800 g/m2 depending on the amount of plants material used

SIZES
maximum size: 2400x1200 mm
























VIAPLANT







Viaplant® GLASS is an amber-like, glossy, tempered glass material encapsulating organic plant components. It is resistant to chemical reactions and to physical stress.

CHARACTERISTICS
glass surface with glossy finish
vivid colours
glass adds certain depth effect
to the material

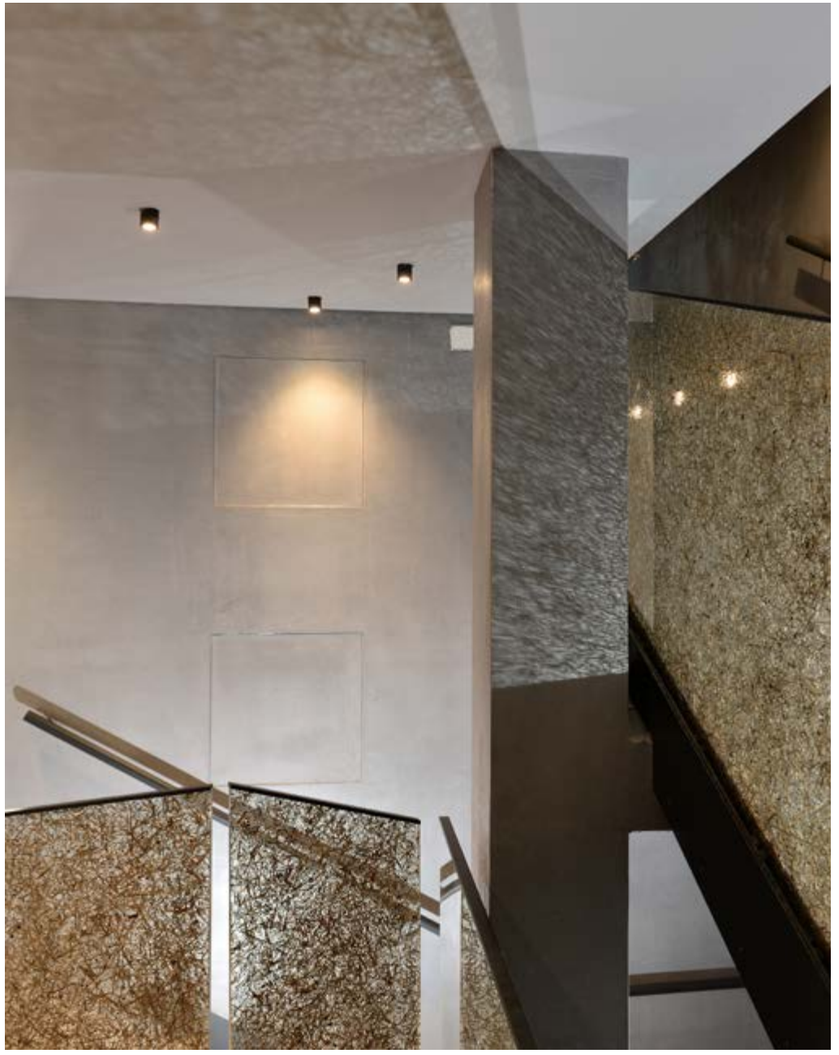
APPLICATION
Wall coverings
railings
shower cabins and screens
design radiator front panel
furniture
windows and door glass surface

SIZES
Custom size according to the customer's pre-defined requirements, as tempered glass cannot be customized i.e. drilled, cut, shaped afterwards.

Maximum production size:
· Tempered glass: 1600x3000 mm
· Thermally insulating glass: 1600x3000 mm
· Bonded glass: 1600x3000 mm




























MŰVÉSZET



Viaplant® BOARD brings nature to furniture design, offering versatile, pre-laminated surfaces for a unique and functional aesthetic.

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® TEXTILE or Viaplant® CAST.

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/cutom wooden elements, e.g. for furniture, including wear surfaces (not floors)

SIZES
maximum size: 2400x1200 mm



























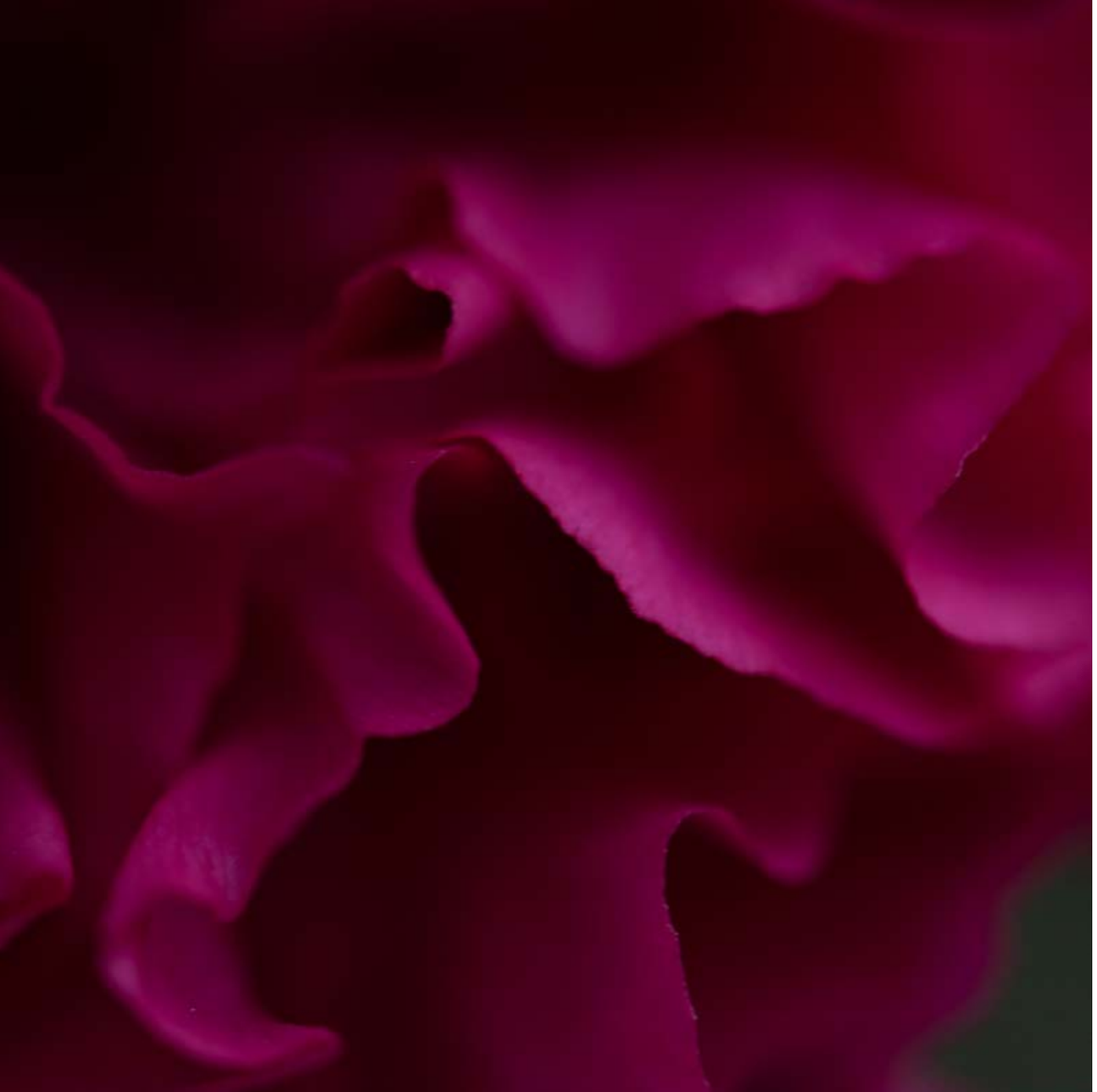


plants and textures

The obvious character of Viaplant is the plant itself – its details, colour and texture record one moment in time of the plant’s development, whether it is a leaf, flower petal or plant stem.

Similarly, to amber that captures the history of life, Viaplant material encapsulates nature’s artistic performance and preserves it in the long run. The colours from seasonal variations, the real plant textures and the originating location, all add an emotional dimension to the Viaplant material.

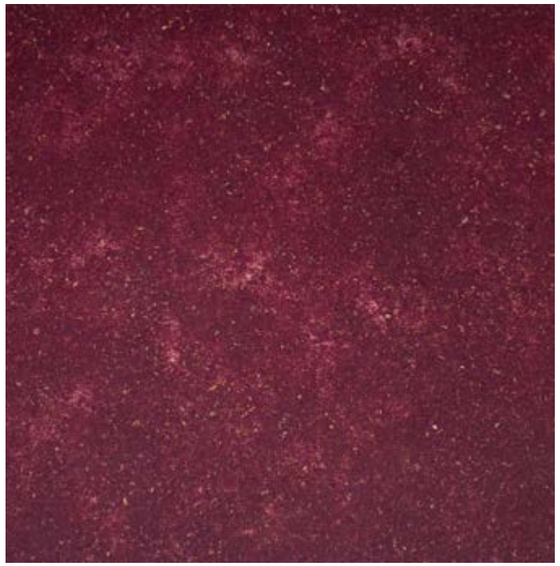
2025



Peonia | *Peony*



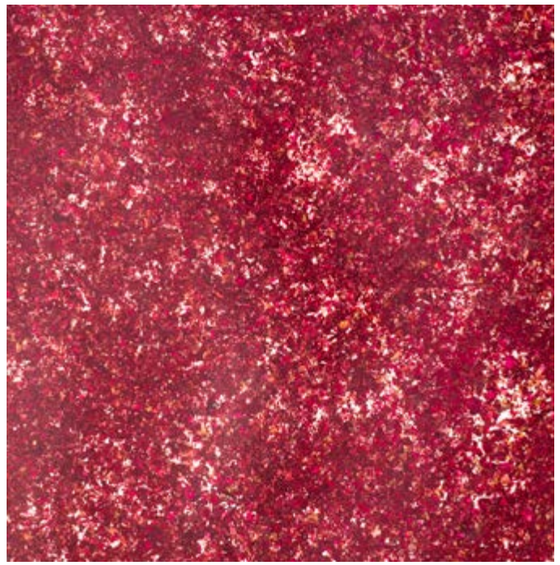


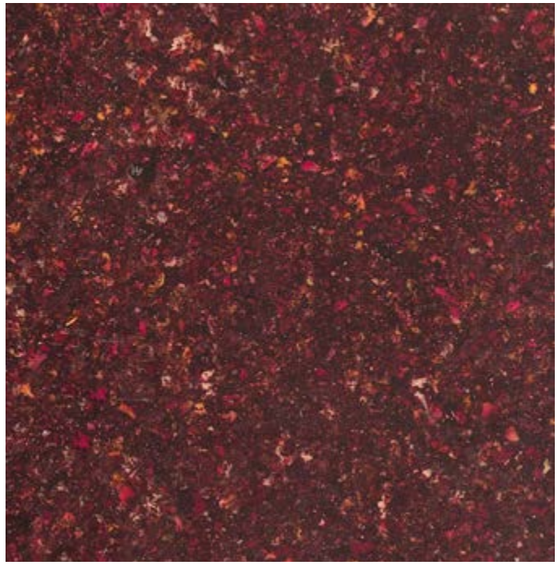




Rosa | *rose*





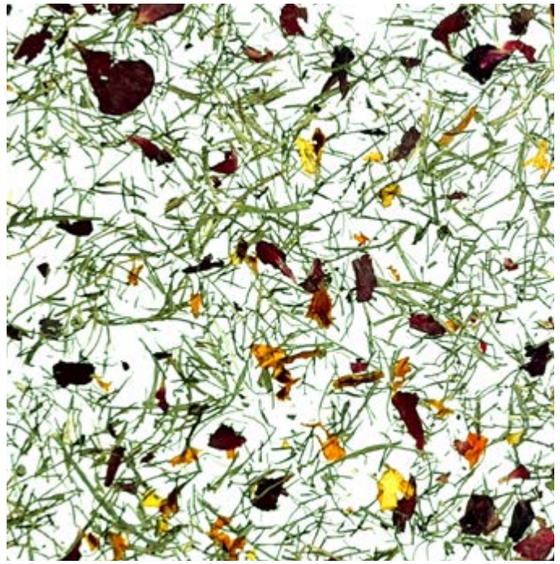




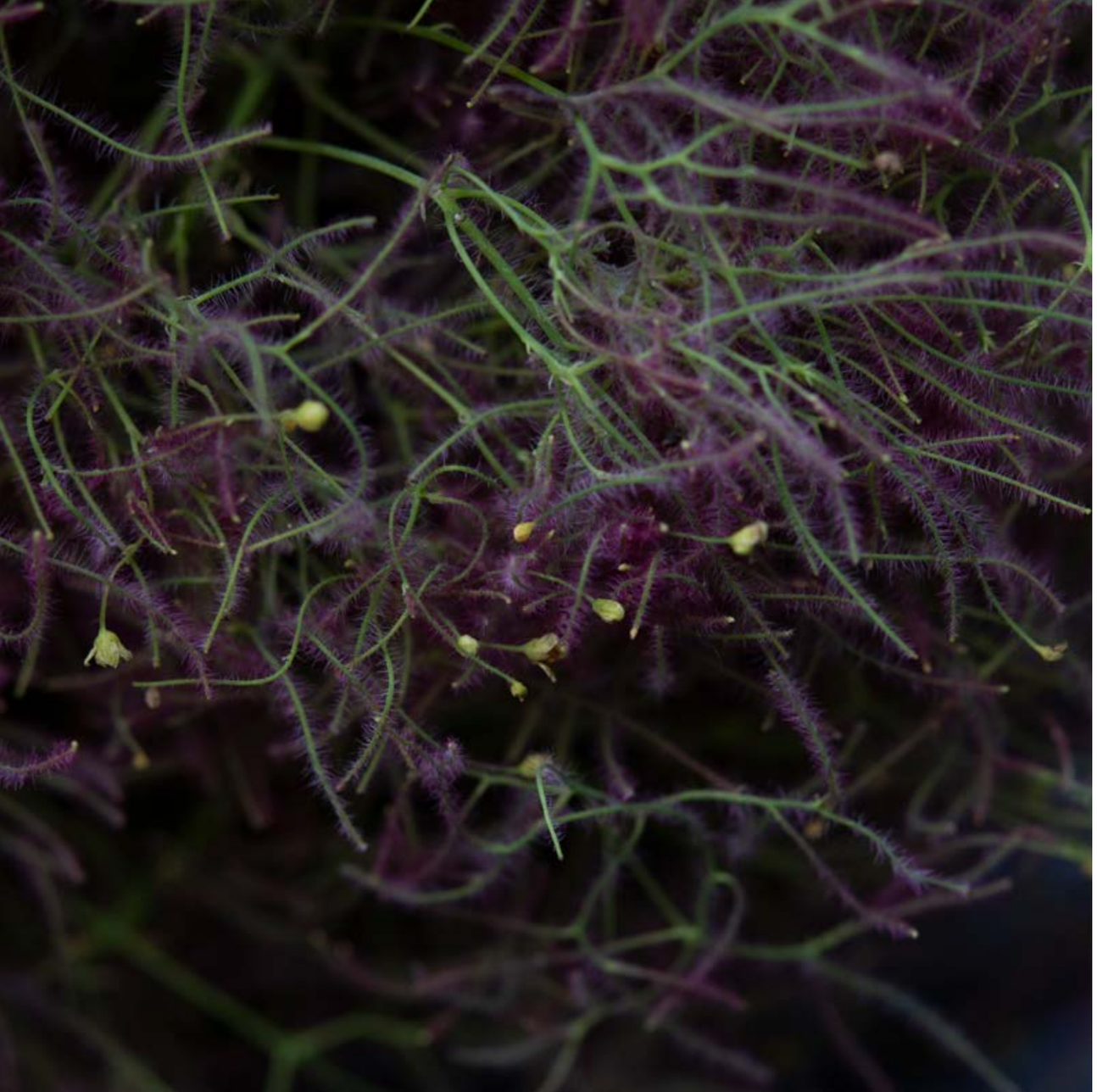
Poa Flori |

grass with flowers



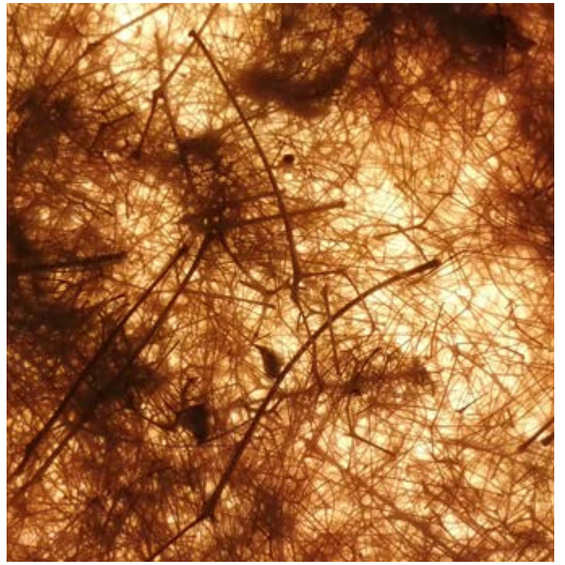






Cotinus | *Smoketree*

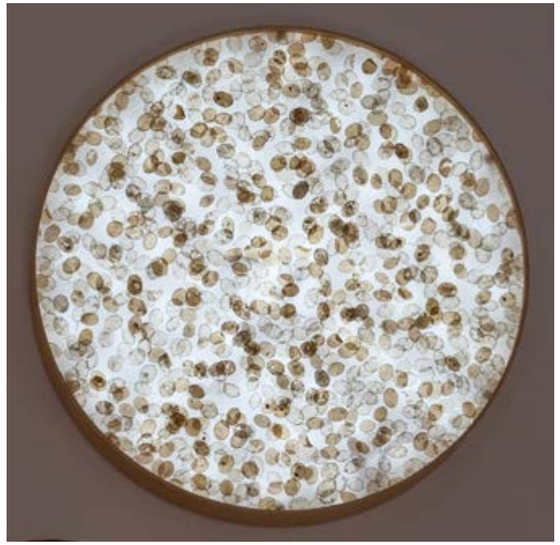






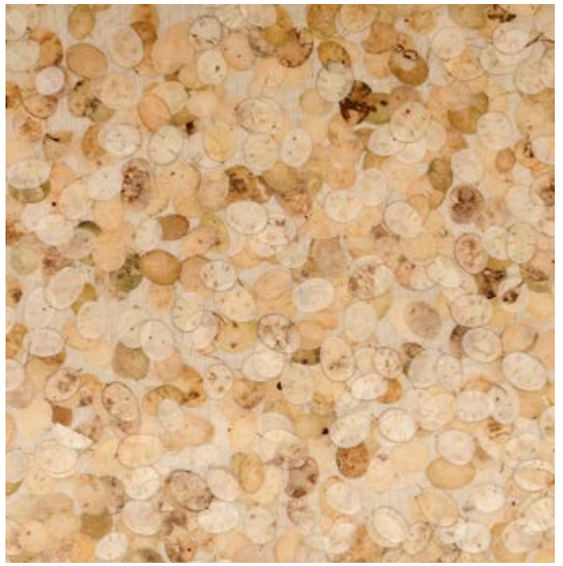


Lunaria | *Annua honesty*



"The delicate beauty of the honesty plant's translucent seed pods exudes a fragile elegance. The dry, silvery husks hang gracefully from the slender stem, resembling tiny works of art. This natural composition evokes both abstract artistic creations and fine craftsmanship.







Phragmit | *Reed*









Calam-triticum |

Bushgrass - straw



“The quiet beauty of the feather grass meadow, shrouded in mist, radiates a delicate harmony. Amidst the golden stems of the dry inflorescences, the distant forest edge emerges mysteriously, providing a picturesque backdrop to the scene. The composition is both abstract and natural, reminiscent of the ‘pliage’ motifs in Simon Hantai’s paintings. The captivating pattern is perfectly expressed even on the small surface of a lamp, capturing the serene atmosphere of the summer meadow.”







Calam-poa | *bushgrass-grass*



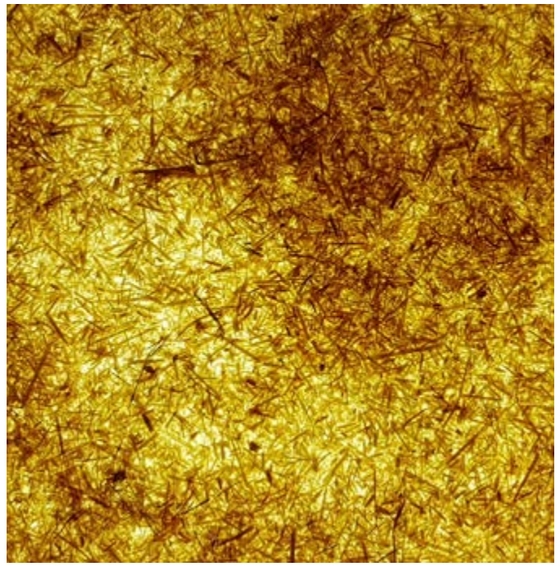






Triticum | *Wheat straw*









Gramina | *Hay*







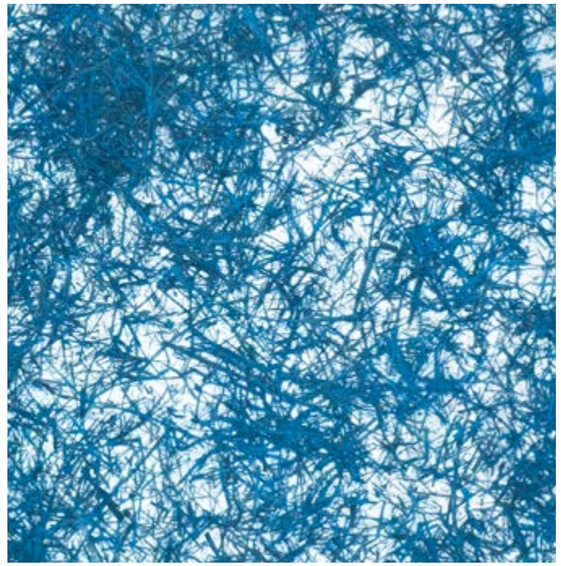


Lignum blue |

Tinted Woodwool



Lignum color combines woodwool with human imagination. The texture of the tinted woodwool creates a modern effect, and when illuminated, it gives an impressive atmosphere.

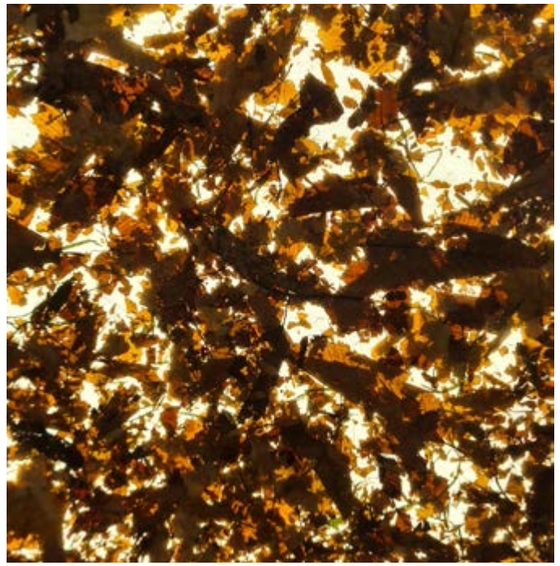






Foli cuvee | *Autumn leaves*







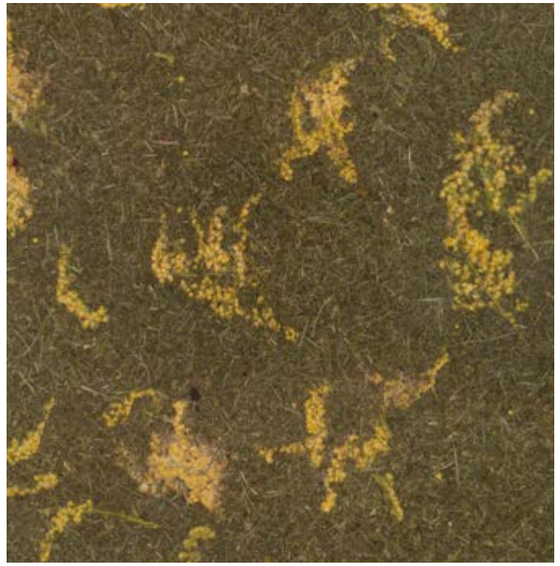


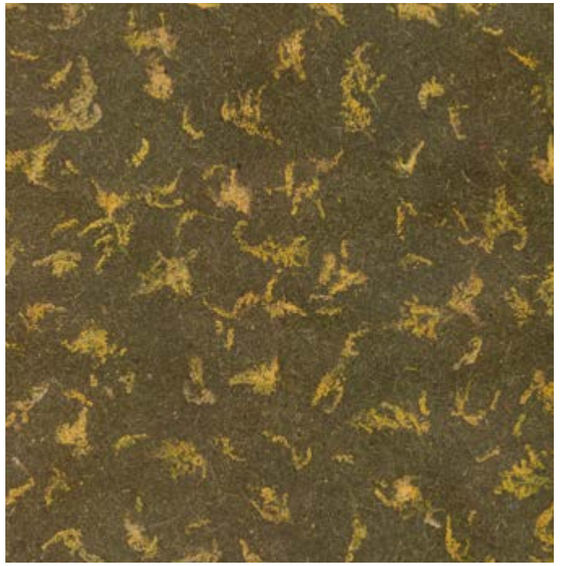
Solidago | *Goldenrods*



Sustainability is key; we use plants as raw materials with a renewable cycle of one year or less. Plants are sourced locally from parks, outdoor areas, following urban area maintenance.

We also consider up-cycling by creating material from ragweed, reed, Canadian goldenrod, thus creating value out of an otherwise invasive and largely spread plant.







Eleagna | *Silver berry*











Flores mix | mixed petals

Bespoke textures
Storytelling concept

A good object is defined by your understanding of what it means to you.

The Viaplant brand is fundamentally defined by its philosophy, the socalled story concept. The duality of form and function is complemented by a story that stems from the place of origin of the plants and the associated memories.



Viaplant imagines a future where people live in more natural spaces and relateto natural resources in a more conscious manner

Reconnecting with nature

Today, we have to look at an urban green space - like any other utilities - as a service provider. We must interpret it as a system that provides people an ecological service. Urban green areas are the basis of healthy urban life. They are habitats, community spaces, means of fresh air and serves as climate protection.

As landscape architects and material developers, our mission is to make people have a more conscious, living relationship with natural resources in our modern built enviroment. Our workshops, presentations and tenders aim to improve the problem of so-called 'plant blindness', which is a pervasive insensitivity to the green environment and a general neglect of the plants. Furthermore, following our philosophy, we like to draw attention not only to the urban importance of plants, but also to their cultural significance.

Sustainability

Examining our relationship with the Earth, we see that we depend directly and indirectly on the raw materials mined, grown or manufactured in it. For this reason, we must pay close attention to the environmental impact of our materials and the sustainability of production technologies.

We are constantly working on finding solutions that are as environmentally conscious as possible. We try to develop organic materials that have a positive effect on the world by large, being less polluting and using the sustainable processes of nature with their recyclable or even compostable properties.

We are present in material libraries to display and share authentic information regarding our research and material innovations, thus we are able to create cooperation in between the design industry and other sectors, as well as designers and manufacturers.

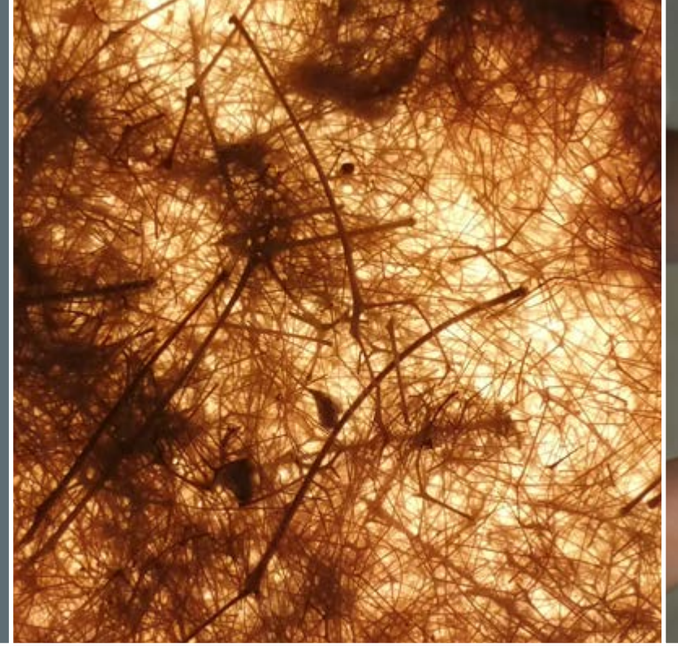
CONTACT US

VIAPLANT

+36 (20) 257 7040

viaplant@viaplant.com

www.viaplant.com





SHOWROOM

1136 Budapest,
Hegedűs Gyula utca 15.



