



Viaplant® CAST

Technical information

Viaplant® CAST is a composite material, where plants are paired with a resistant, water-clear binder, providing lightweight, durable and easy-to-clean surfaces.

CHARACTERISTICS

lightweight, durable surface, matte or glossy, local plant sourcing, unique design.

APPLICATION

Wall coverings: wall tiles, partition wall, kitchen splashback, decoration, custom products.
Products: custom made products, lamp shades, furniture finishing

TECHNICAL DETAILS

SIZES: 2100x1100 or 2500x1250 mm

THICKNESS: 3 mm ± 0.2-3 mm (~ 2.8-6 mm)

WEIGHT: ~ 3,8 kg/m²

WATER RESISTANCE: water resistant, water repellent; enclosing treatment of cut edges are required in wet conditions

FIRE RESISTANCE: based on the MSZ EN ISO 11925-2:2011 test classified as MSZ EN 13501-1:2007+A1:2010 'E' category

UV RESISTANCE: UV resistant, slight fading is possible

SURFACE HARDNESS: barcol 45

CUTTING: Customisable with carpentry and diamond tools. Possibility to cut into curved shapes

FIXING TECHNIQUES: with gluing, framing, point fixtures

MAINTENANCE: with usual household cleaning products

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.

SIDE TEXTURES: Front face: matte or glossy surface with visible plant textures. Backing: raw surface, visible plant textures

FLEXIBILITY: non-flexible

TRANSPARENCY: semi-transparent

Minimum order quantity (MOQ): 1 panel (2100x1100 mm or 2500x1250 mm)

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