

Technical information

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

TECHNICAL DETAILS

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

THICKNESS: 3mm to 10 mm, one or two layers

WEIGHT: mm/m²/2kg

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

UV RESISTANCE: UV resistant, slight fading is possible

SCRATCH RESISTANCE: Very resistant (tempered glass surface)

FIXING TECHNIQUES: similar to methods used in the glass industry (framing, point fixtures, glass bolts, glass clamps, etc.) suitable to mount glass panels both vertically and horizontally.)

MAINTENANCE: with usual household / windows cleaning products

SUSTAINABILITY: glass component(s) with 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: non-flexible

TRANSPARENCY: semi-transparent

SIDE TEXTURES: Front face: glass (tempered) with visible plant textures. Backing: glass or EVA with visible plant textures

Minimum order quantity (MOQ): 0.5 sqm / custom size on request

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

PLANT TEXTURES

Poa/grass

Rosa/rose

Peonia/peony

Lilium/daylilies

Foli brun/brown leaf (brown colour may vary)

Eleagna/silverberry

Lignum colour, blue /tinted woodwool

Lignum colour, yellow/tinted woodwool

Phragmit/reed

Triticum/straw

Solidago/goldenrod

Calam-poa/bushgrass-grass