

VERTEX planter

MATERIAL SPECIFICATION

Standard planter

Aluminium planter body

4mm thick aluminium sheet.

Base frame

75x50x6mm mild steel angle.

Internal cross brace straps

45x10mm mild steel flat.

Fixing bolts

M12 x 30mm hex head bolts, bright zinc plated.

Base frame legs

50x50x3mm mild steel SHS.

Leg baseplate

100x100mm plate x 5mm thick

Base floor

18mm FSC Eucalyptus treated plywood.

Internal lining

Geotextile filter fabric membrane.

Optional planter accessories

Adjustable feet

M30 adjustable feet with swivel base. See Adjustable Foot page for full details.

Tree anchors

25x5mm mild steel flat, hot dip galvanised.

Watering system

Choose either the Street Design reservoir system or the Mona tank system. See Watering System page for full details.

Planter benches

Vertex planters can be supplied with integral planter benches in a variety of materials. The bench slats can be supplied in FSC treated European redwood or iroko hardwood, mild steel or stainless steel. The slats will be bolted to either hot dip galvanised mild steel or stainless steel bench brackets.

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Optional planter accessories continued

Moveable planters

Vertex planters are manufactured with a mild steel base frame allowing them to be moved when planted

LED lighting

The lighting is available as cool white, warm white, blue, green or red LED units. More complex lighting can be supplied, including twilight switches, PIR sensors, timers, infrared, ultraviolet and royal blue emitters, PWM dimmers, RGB, UPS, DMX and remote control units.

Material samples

Material samples are available on request.

Guarantee

All planters are guaranteed for 15 years minimum. This guarantee is a minimum and is dependant on the product not being misused or abused. All the materials, treatments and construction will allow for a life expectancy considerably longer than this.

Product prices

See separate price list for the product prices of standard sizes, materials and finishes.

General specification

Construction

All Street Design products are designed and manufactured using only quality, durable materials, construction details and fixings, to provide a long-lasting, durable life expectancy.

Assembly

Vertex planters are delivered to site fully assembled for off loading and positioning on site.

Timber policy

All treated softwood products are manufactured using materials obtained from growers who operate under the Forest Stewardship Council (FSC). All iroko hardwood products are manufactured using materials obtained from growers who operate under the Forest Stewardship Council (FSC).

General material specification

Hardwood products are constructed using FSC iroko hardwood, from sustainable sources. Softwood products are constructed using FSC European redwood that has been Wolmanit CX treated, for a desired service life of 30 years minimum. All mild steel fabricated components will be hot dip galvanised after fabrication to BS EN ISO 1461:2009.

All stainless steel fabricated components will be grade 304. Grade 316 can be specified if the location or project requires it.

All mild steel fixings will be bright zinc plated, and all stainless steel fixings will be A2 (grade 304). A4 (grade 316) can be specified if the location or project requires it.

Planters will be fitted with a geotextile filter fabric lining, which allows the water to drain through the planter, while retaining the fill material.

Planter finish

Vertex, aluminium planters will have a polyester powder coated finish.

Planter bench finishes

The FSC treated softwood and iroko hardwood bench slats will be left natural to reduce the need for re-staining and help reduce maintenance costs. If required, timber bench slats can be supplied with a stained finish using 3 coats of quick drying water based wood stain, to the colour of your choice.

Mild steel planter benches will be left with a galvanised finish only. If required, after hot dip galvanising, the mild steel components can be polyester powder coated, to the colour of your choice. The galvanised parts are prepped, treated and sprayed with the polyester powder, before being baked in an oven.

Stainless steel planter benches will have a dull polished finish.