

GRETTON planter

MATERIAL SPECIFICATION

Standard planter and base

Stainless steel planter walling

2mm thick grade 304 stainless steel
Optional grade 316 available on request
Internal cross brace straps
50x10mm mild steel flat.

Fixing bolts

M10 x 30mm hex head bolts, bright zinc plated.

Base frame

45x45mm FSC® certified treated European redwood.

Base floor

12mm Marine grade plywood.

Internal lining

Geotextile filter fabric membrane.

Optional base (for movable planters)

Base frame

75x50x6mm mild steel angle.

Internal cross brace straps

50x10mm mild steel flat.

Fixing bolts

M10 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® certified 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.

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Optional planter accessories continued

Watering system

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

Planter benches

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

Movable planters

Gretton planters can be manufactured with an integral mild steel frame allowing them to be moved when planted.

Pergola structures

Pergola structures can be manufactured as an integral part of the planter construction. The steel frame can be extended to carry the upper horizontal 145x45mm section timber bearers and cross bearers.

Trellis panels

Trellis panels can be manufactured as an integral part of the planter construction. The steel frame can be extended to carry the horizontal and vertical trellis timber slats.

Inner tower planters

Gretton planters can be supplied with co-ordinating inner tower planters to create feature planting or tiered planting.

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.

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

Gretton planters up to 2.8 x 2.8m will be delivered to site fully assembled for off loading and positioning on site. Planters larger than 2.8m will be supplied in sections for bolting together 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®).

Materials

Hardwood products are constructed using FSC® certified iroko hardwood, from sustainable sources. Softwood products are constructed using FSC® certified 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. 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

Gretton stainless steel planters will be supplied with a dull polished finish.

Planter bench finishes

The FSC® certified 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.