

CASTLETON planter

PRODUCT DETAILS

General

The Castleton planter is a versatile, multi-use and cost effective timber and metal planter, available in a choice of materials and finishes to suit your scheme and budget.

The planter is available in either FSC®-certified treated, joinery quality redwood or FSC®-certified hardwood. Planters up to 2.8x2.8m plan size will be delivered fully assembled ready for planting. Larger planters will be manufactured in sections and delivered for assembly on site.

Shaped planters can be manufactured and supplied including:- square, rectangular, full circular, half circular, quarter circular and elliptical.

Planters are manufactured with internal steel frames to enable the planters to be moved when fully planted.

Construction

The Castleton timber and metal planter, is constructed by bolting 95x45mm section vertical walling slats to an internal steel frame. The square and rectangular planters will have 45x45mm corner fillets fitted into the external corners.

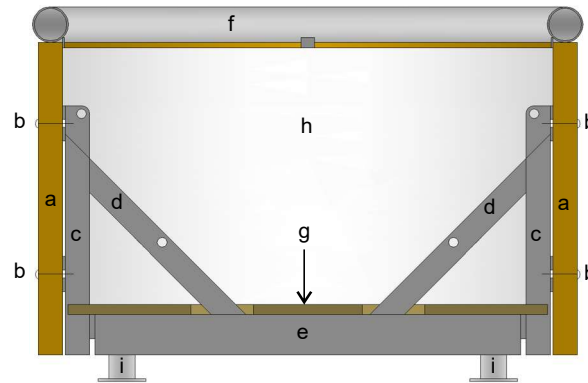
The internal base is constructed using 75x50x3mm mild steel RHS and 75x50x6mm mild steel angle. The 50x10mm mild steel flat uprights and cross brace straps support the horizontal 25x5mm mild steel flats. FSC®-certified hardwood faced plywood is laid onto the base. 50mm high mild steel planter feet are fitted to the underside of the base frame, to ensure that the load is safely transferred to the ground.

The planter has a 60.3mm Ø mild steel or stainless steel CHS top rail.

When fully constructed, the inside of the planter is fully lined with a geo-textile lining, that allows water to drain through whilst retaining the soil fines.



Section thro' planter



Key

- a 95x45mm FSC®-certified vertical timber slats
- b M10x65mm cup square coachbolts
- c 50x10mm mild steel flat uprights
- d 50x10mm mild steel flat cross brace
- e 75x50x3mm mild steel RHS bearers
- f 60.3mm Ø x 3mm mild steel CHS top rail
- g 18mm FSC®-certified hardwood faced plywood
- h Geo-textile membrane filter lining
- i 50mm high planter feet



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Typical plan sizes, heights and basic shapes of Castleton planters

Plan dimensions and material options	all other sizes, heights and plan shapes can be manufactured and supplied				
Square planter	Planter heights				
1.0 x 1.0m	460mm	660mm	860mm	1060mm	1260mm
FSC®-certified treated redwood	•	•	•	•	•
FSC®-certified hardwood	•	•	•	•	•
1.5 x 1.5m					
FSC®-certified treated redwood	•	•	•	•	•
FSC®-certified hardwood	•	•	•	•	•
2.0 x 2.0m					
FSC®-certified treated redwood	•	•	•	•	•
FSC®-certified hardwood	•	•	•	•	•
Rectangular planter	Planter heights				
2.0 x 1.0m	460mm	660mm	860mm	1060mm	1260mm
FSC®-certified treated redwood	•	•	•	•	•
FSC®-certified hardwood	•	•	•	•	•
2.8 x 1.0m					
FSC®-certified treated redwood	•	•	•	•	•
FSC®-certified hardwood	•	•	•	•	•
Full circular planter	Planter heights				
1.0m diameter	460mm	660mm	860mm	1060mm	1260mm
FSC®-certified treated redwood	•	•	•	•	•
FSC®-certified hardwood	•	•	•	•	•
1.5m diameter					
FSC®-certified treated redwood	•	•	•	•	•
FSC®-certified hardwood	•	•	•	•	•
2.0m diameter					
FSC®-certified treated redwood	•	•	•	•	•
FSC®-certified hardwood	•	•	•	•	•
Half circle planter	Planter heights				
1.5m diameter	460mm	660mm	860mm	1060mm	1260mm
FSC®-certified treated redwood	•	•	•	•	•
FSC®-certified hardwood	•	•	•	•	•
2.0m diameter					
FSC®-certified treated redwood	•	•	•	•	•
FSC®-certified hardwood	•	•	•	•	•
2.8m diameter					
FSC®-certified treated redwood	•	•	•	•	•
FSC®-certified hardwood	•	•	•	•	•