

# FTS Castle Tree Grille

Fully integrated recessed tree grille systems.



## Overview

The Castle tree grille is a heavy duty recessed tray system allowing virtually any style of surround paving to be placed within the trays and continue right over the tree pit whilst providing structural support for overrun as required. Supplied complete with irrigation and aeration functionality.

## Features

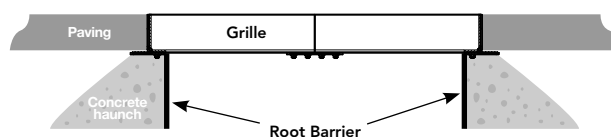
- Fully compatible / integrates with GBU below ground systems
- Removeable 'Double tray' format available in most sizes allows for tree growth
- Vertical guard attachment option available
- Heavy duty galvanised steel structure for vehicular overrun
- Integral irrigation point and system included
- Stainless steel fixings

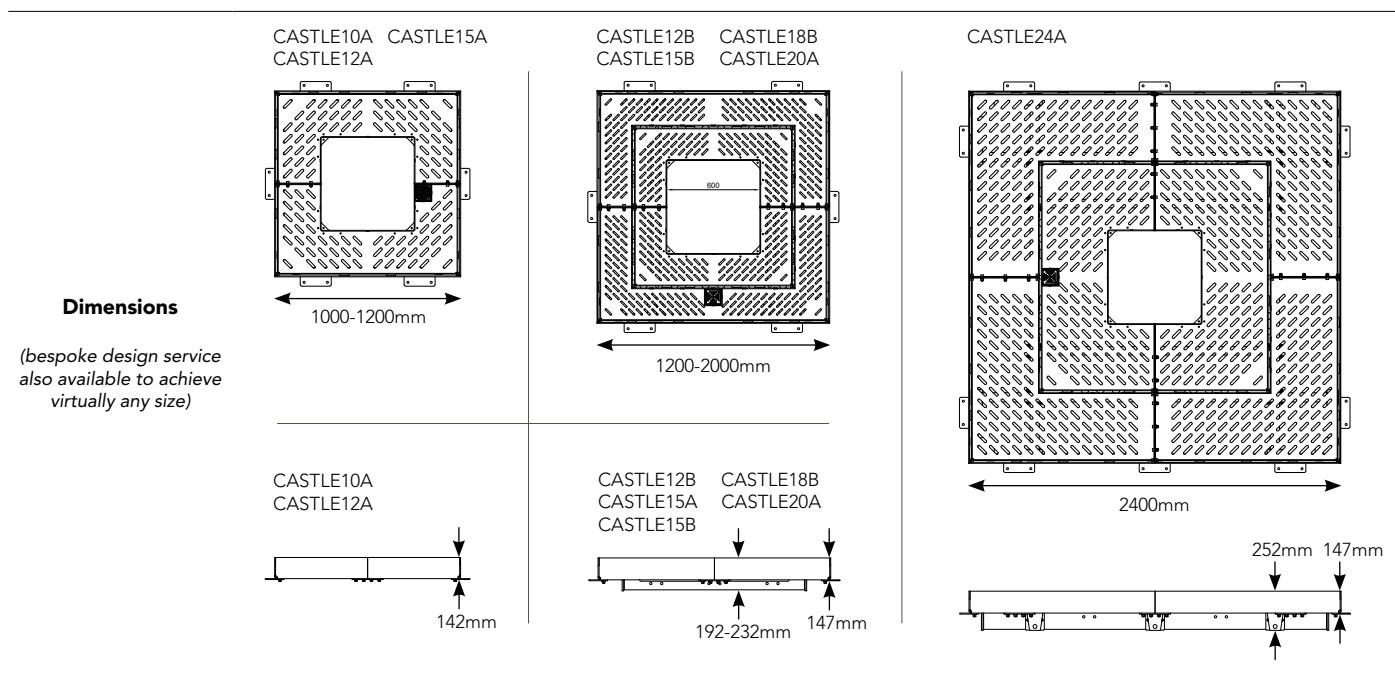
## Benefits

- Prevents compaction of soil
- Enables gaseous exchange and water to freely access rooting area
- Can be manufactured to meet virtually any structural requirements.
- Very discreet concept allowing continuous paving over the tree pit.
- Theft proof

## Purpose

Prevent soil compaction by bridging between concrete haunches.





	Size	Single	Double
<b>Product codes</b>	1000mm	CASTLE10A	N/A
	1200mm	CASTLE12A	CASTLE12B
	1500mm	CASTLE15A	CASTLE15B
	1800mm	N/A	CASTLE18A
	2000mm	N/A	CASTLE20A
<b>Vehicle Overrun</b>	Overrun loadings – up to 2.5t SMWL (Slow Moving Wheel Load) Load bearing capacity varies according to size of grille and paving type. FEA results can be provided on request for specific applications.		
<b>Finish</b>	Hot dip galvanised to BS EN ISO 1461:2009 Mean coating thickness 70µm / 505g/m <sup>2</sup>		
<b>Tree guard adaptor</b>	Vertical guard attachment adaptor needs to be specified prior to manufacture and installation; adaptors must be welded if paving already installed.		
<b>Bespoke options</b>	Full design and development service available Heel safe / DDA requirements HGV loading requirements Slip resistance requirements Materials - Mild Steel / Stainless Steel grades 314 & 306 / Corten Weathering Steel / Brass / Bronze Finishes - Galvanising / Powder coating / Textured finishes		
<b>Maintenance</b>	<b>Annual inspection</b> Clean irrigation and aeration inlet filter brushes Assess physical / cosmetic damage, spray protect exposed metal Remove grille if central aperture threatens to restrict tree growth		