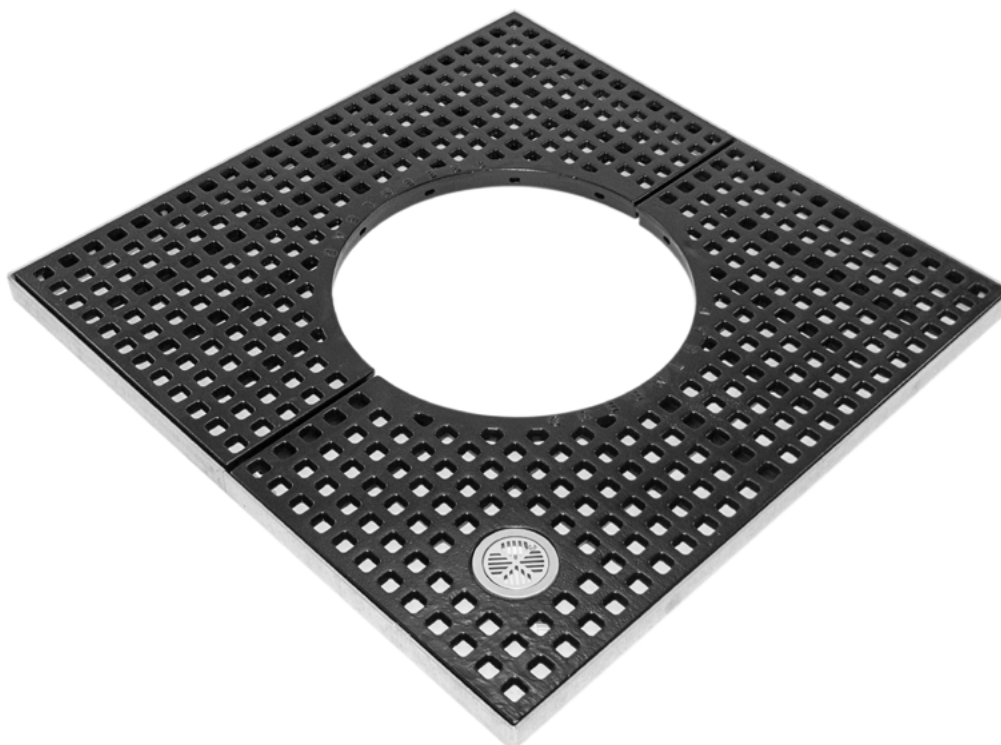


DTS Avon Tree Grille

Fully integrated ductile iron tree grille systems.



Overview

Designing tree grilles is something GreenBlue Urban have been doing for over 2 decades. Beautiful timeless patterns have been created which add quality and flair to the urban environment. The fundamental critical purpose of tree grilles is to prevent soil compaction around the rootball. We have developed highly engineered design principles and finishing processes to ensure the durability of the structure and the coatings is robust enough to perform under harsh urban environments.

Features

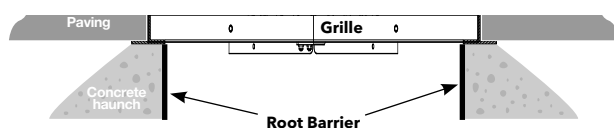
- Heavy duty galvanised support frame
- Power coated cast ductile iron segments
- Integrated irrigation system
- Anti-theft lugs
- Stainless steel fixings
- Fully compatible / integrates with GBU below ground systems

Benefits

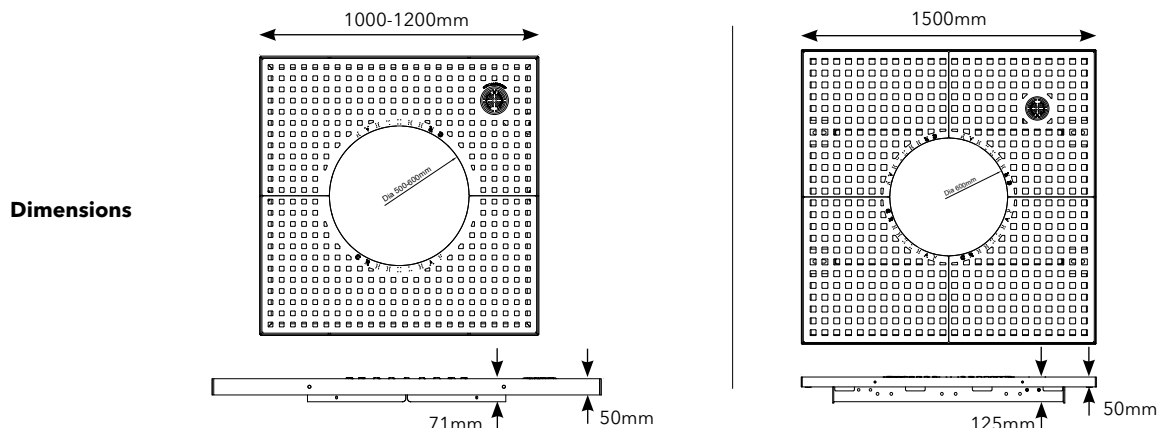
- Prevents compaction of soil
- Enables gaseous exchange and water to freely access rooting area
- Can be disassembled if needed for major tree maintenance
- Design and built to be strong enough for vehicular overrun

Purpose

Prevent soil compaction by bridging between concrete haunches.



	Code	Perimeter Dimensions	Internal Aperture Diameter	Includes:
Product codes	AVON10B	1000mm	500mm	- Heavy duty galvanised support frame
	AVON12B	1200mm	600mm	- Powder coated grille segments
	AVON15A	1500mm	600mm	- Cast aluminium RootRain irrigation inlet - Perforated pipe RootRain irrigation system - Stainless steel fixings



Vehicle Overrun Maximum 1.5 tonne SMWL (Slow Moving Wheel Load)

Specially developed 3-stage double-coat powder coat finishing process.

Powder Coat Finish

Tested to Artificial Weathering ISO 11341, Natural Weathering ISO 2810
 Conforms to Corrosiveness Category C5-Industry / C5-Martime - Durability Range of 'High' Exp. lifespan >15yrs
 Conforms to ISO 12944-6 - IM3 - soil and the Durability Range of 'High' Exp. lifespan >15yrs
 Resistance to Humidity: 720 hours according to ISO 6270
 Kesternich Test: 30 cycles according to ISO 3231
 Adhesion Test: 0 according to ISO 2409
 Bucholz Indentation Test: ≥ 87 according to ISO 2815
 Porosity Density Test: 'non-porous' according to DIN 55 670

Specific slip resistance performance available to order

Standard colour RAL 9005 Matt Black [Full range of RAL colours available to order](#)

Accessories **Available to order**
 Spare fixing kit
 Guard to grille fixing pack

Maintenance **Annual inspection**
 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

Bespoke Options
 Full design and development service available
 HGV loading requirements
 Slip resistance requirement
[Full range of RAL colours available to order](#)