

DTS Dart 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

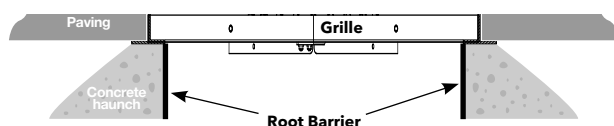
- Heavy duty galvanised support frame
- Power coated cast ductile iron segments
- Integrated irrigation system
- Anti-theft lugs
- Stainless steel fixings
- Fully compatible / integrates with GBU below ground systems

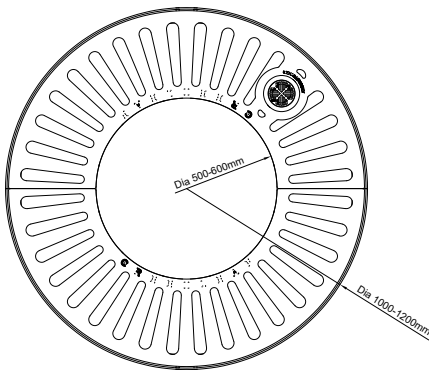
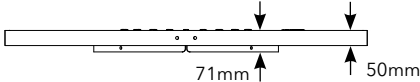
Benefits

- 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	DART10B	1000mm	500mm	<ul style="list-style-type: none"> - Heavy duty galvanised support frame - Powder coated grille segments - Cast aluminium RootRain irrigation inlet - Perforated pipe RootRain irrigation system - Stainless steel fixings
	DART12B	1200mm	600mm	
Dimensions	 			
Vehicle Overrun	Maximum 1.5 tonne SMWL (Slow Moving Wheel Load)			
Powder Coat Finish	<p>Specially developed 3-stage double-coat powder coat finishing process.</p> <p>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</p> <p>Specific slip resistance performance available to order</p> <p>Standard colour RAL 9005 Matt Black Full range of RAL colours available to order</p>			
Accessories	<p>Available to order</p> <p>Spare fixing kit Guard to grille fixing pack</p>			
Maintenance	<p>Annual inspection</p> <p>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</p>			
Bespoke Options	<p>Full design and development service available Heel safe / DDA requirements HGV loading requirements Slip resistance requirement Full range of RAL colours available to order</p>			