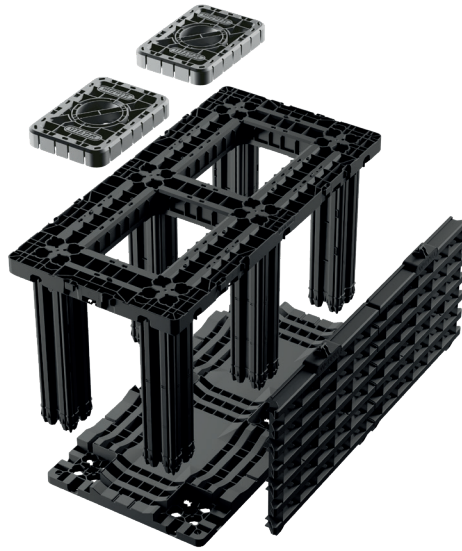# Wavin Tree Tank

Tree growth system

Wavin TreeTank is designed to be the optimal sustainable solution to allow trees to grow in urban areas. The system allows trees to grow robustly whilst preventing tree root damage to the cities infrastructure.

Wavin Tree Tank ensures fast, easy and safe installation. The system is made up of a base unit with two cover lids in the top deck as well as bottom and side plates. Each component is made from 100% recycled post consumer plastic waste.

Technical Information

Length	1200
Width [mm]	600
Height [mm]	600
Gross volume [l] (without bottom)	454 (432 without bottom-plate)
Void ratio [%]	95–96%
Weight main unit [kg]	15.9
Side Plate (nominal weight) (kg)	3.3
Connection Plate (nominal weight) (kg)	1.7
Close Base Plate (nominal weight) (kg)	5.3
Venting shaft connections [mm]	110–125
Tank volume per truck [m³]	<138
Min. Cover depth without traffic or ≤3 mt axle load (1.5 mt wheel load) [m]*	0.45
Min. Cover depth with 12 mt axle load (6 mt wheel load) [m]*	0.55

* Resulting from strength is in line with EN17152-4 and AASHTO calculation methods for single layer systems with well compacted and, multi layer systems and/or other soil type may reduce the window of application

Wavin Tree Tank

Tree growth system

Technical Information

Accessibility Vertical access [mm]	360 x 253
General Material	Recycled PP
Color	Black (with Grey lids)
Interlocking	Integrated
Certification	Tested according to EN17152

For more information on Wavin's wider Urban Climate Resilience offering scan here

Wavin

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