

New Tool for Stormwater Management: Advanced Turf

Regional Environmental Committee

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Jill Sunderland





Advanced Turf - Reinforced Grass

Netlon Advanced Turf System (Netlon ATS) is a high performance mesh-element reinforced natural grass rootzone system. It provides an aesthetic, SuDS compliant free-draining grassed surface, capable of sustaining heavy vehicle loadings in occasional-use applications.

Mesh elements interlock with specially blended rootzone providing a grass reinforcement solution

Related Products

The following products provide solutions for grass or gravel ground reinforcement:

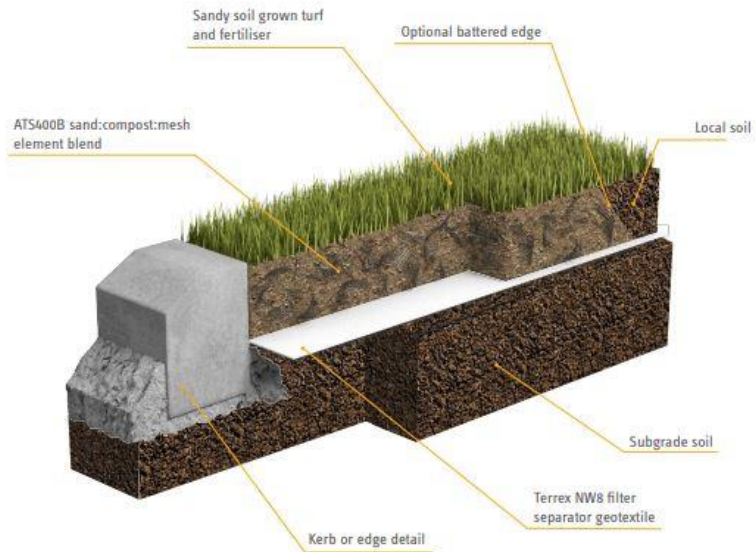
- Sudspave porous paving grids
 - Truckcell permeable pavers
-

How does Advanced Turf Work?

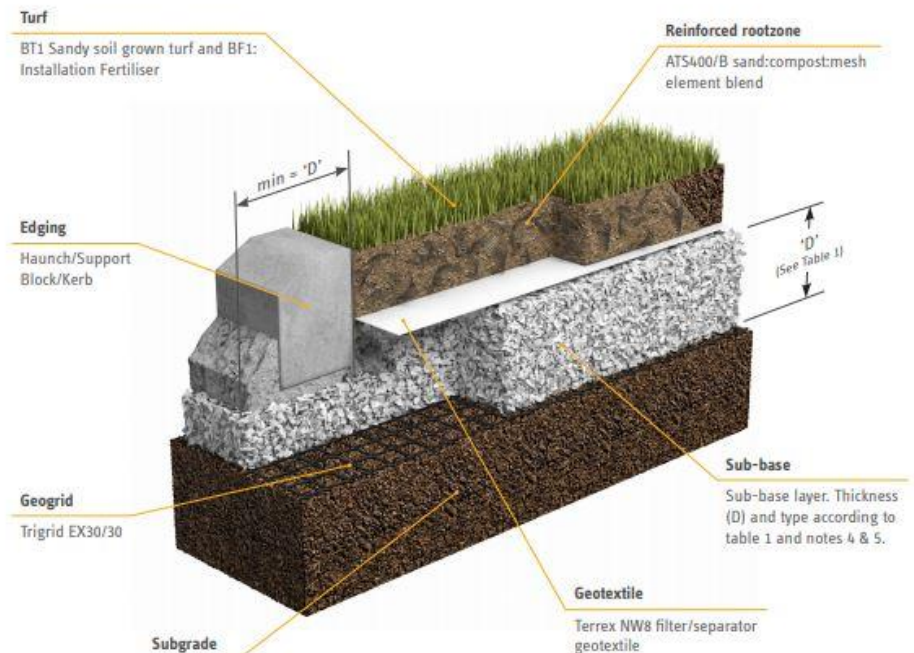


Without Netlon ATS (left) rutting occurs as the applied vehicle wheel loads are not distributed efficiently through the soils. However, with Advanced Turf grass reinforcement system, the load is transferred efficiently meaning that higher vehicle loads can be applied without the risk of rutting occurring,

Design guidance for walkways.



Design guidance for vehicle access routes.



Advanced Turf Benefits

- Resists compaction and rutting
- Rapid surface drainage
- Natural grass surface
- High load-bearing capabilities
- No visible infrastructure

Advanced Turf



Advanced Turf®

Advanced Turf® is an engineered root zone solution designed to provide high-quality turf with load-bearing capabilities [Learn More](#) 



Example – City of Santa Monica, CA

Green Beach Parking Lot Project

