



Ref:
Permavoid
85 SC

PERMAVOID 85®

Designed for use as a combined drainage component and subbase replacement system

708 mm x 354 mm x 85 mm. Vertical axial compression 715 kN/m² and Horizontal axial compression 156 kN/m²

The system has evolved to a subbase replacement system with aeration, water conveyance, storage, infiltration and irrigation functionality. It effectively combines its high compression strength with the very high void ratio (95%), providing reliable and efficient water conveyance and storage in subbase constructions in SUDS, road-, sports- and rooftop applications.

Using the capillary fibre technology the system is not only suitable for water attenuation and conveyance, but also functions as a sub-soil capillary irrigation system, creating a constant soil moisture content for plants, turf grass or equestrian surfaces

Permavoid designed products will allow you to create a **healthy growing site for trees**, even in the most dense of urban areas. The Permavoid system will arrange proper and natural irrigation from below and aeration and compaction protection from above.

PERMAVOID 85

- Eliminates compaction soil
- Protects root system of specimen trees
- Works as a container for the soil/substrate
- Water saving 50 %
- Suitable for roof gardens
- Storage capability 300 l sq./m. in a depth than 35 cm
- SUDS + Irrigation combination allows to reduce water demand from sources distant from cities
- Heat Island Effect reduction.
- Prevents pavement damage

SWAN WATER SOLUTIONS

Avenida de Europa, 19
Tercera planta
Parque industrial La Moraleja.
28108-Alcobendas-Madrid

www.swanwatersolutions.com

(+34) 91 793 24 33