

Flexi-Drain[®]

• Structural Drainage Cell

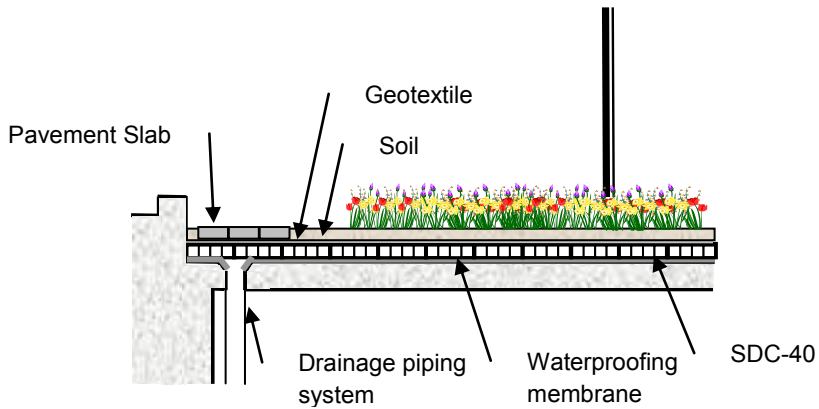
A Proven solution for sub-surface drainage



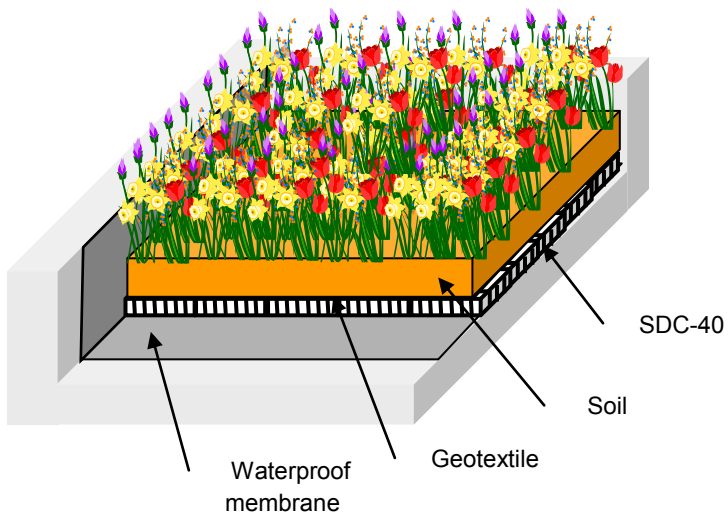
Flexi-Drain®

Structural Drainage Cell

Horizontal Drainage (*Roof Top Garden*)



Horizontal Drainage (*Planter Box*)



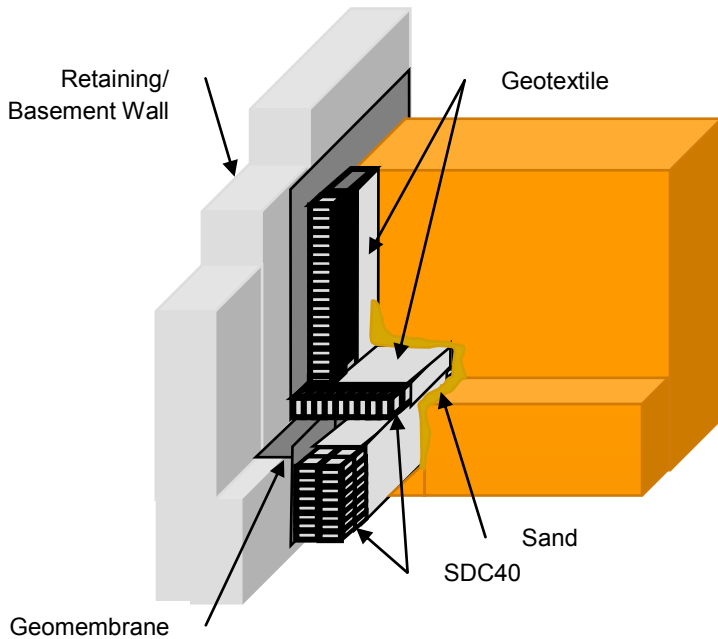
Advantages :

- ❖ Excellent water discharge capacity
- ❖ Superior bearing capacity to withstand the mechanical stress during and after installation
- ❖ Minimum soil depth required
- ❖ Easy & Fast Installation
- ❖ Minimum irrigation of water

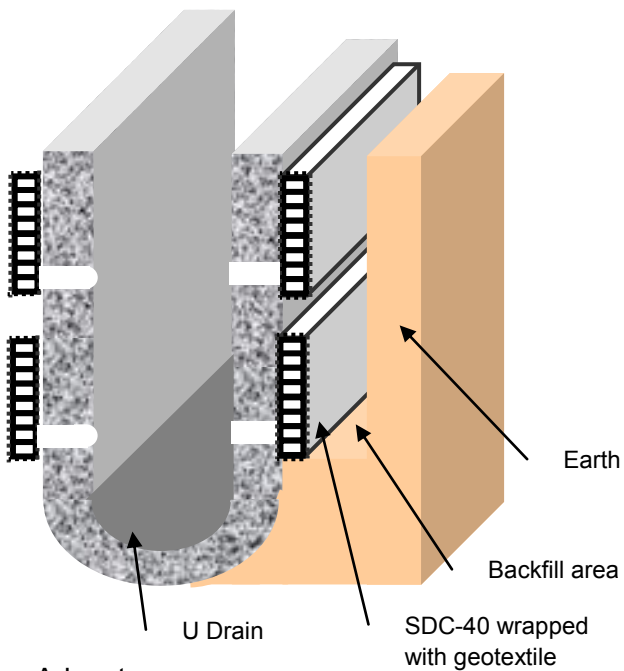
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Structural Drainage Cell

Vertical Drainage (Retaining Wall/ Basement Wall)



Vertical Drainage (U Drain Weephole)



Advantages :

- ❖ Efficient water collection through vertical interface
- ❖ High compressive strength easily withstand soil and structural movement
- ❖ Superior drainage capacity eliminates the need for gravel as backfill
- ❖ Easy & Fast Installation

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Structural Drainage Cell



Specifications

- ❖ Dimension:
400 x 300 x 30mm
- ❖ Compressive Strength:
> 100 tonne/ m²
- ❖ Discharge Capacity:
5,500cm³/ sec @ i=1.0

Applications

- ❑ Vertical
 - ❖ Sports Field
 - ❖ Retaining Walls
 - ❖ Bridge abutments
 - ❖ Tunnels
 - ❖ Road Edge
 - ❖ Landscaping
 - ❖ Landfills
 - ❖ Golf Courses
- ❑ Horizontal
 - ❖ Sports Field
 - ❖ Golf Courses
 - ❖ Paving
 - ❖ Roadways
 - ❖ Planter boxes
 - ❖ Green roofs
 - ❖ Landscaping

Advantages

- ❖ Lightweight
- ❖ High Compressive Strength
- ❖ Large surface void ratio
- ❖ Permanent free flow
- ❖ Horizontal & Vertical application
- ❖ Inert to organic acids, alkalis and salts
- ❖ U. V. Resistant
- ❖ Maintenance Free
- ❖ Low cost, easy and fast installation

Important:

The details given in this brochure are intended only as a general guide in specifying Flexi-Drain Structural Drainage Cell. Project designers should take into account the specific circumstances of the intended application.

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