

## THE BECKER MODULAR DRAINAGE FIELD with 'ECOCLEAN' ACCESS MODULE



*A cost - effective alternative to sewage treatment plant drainage fields, offering huge savings in time and disruption, one tunnel represents 40 metres of drainage pipe storage capacity. The addition of an access module also addresses the problem of biomat removal from tunnel fields by jetting and suction, leaving the interface between the soil and aggregate base with adequate porosity to maintain an aerobic atmosphere, enabling sustained operation for the long term.*

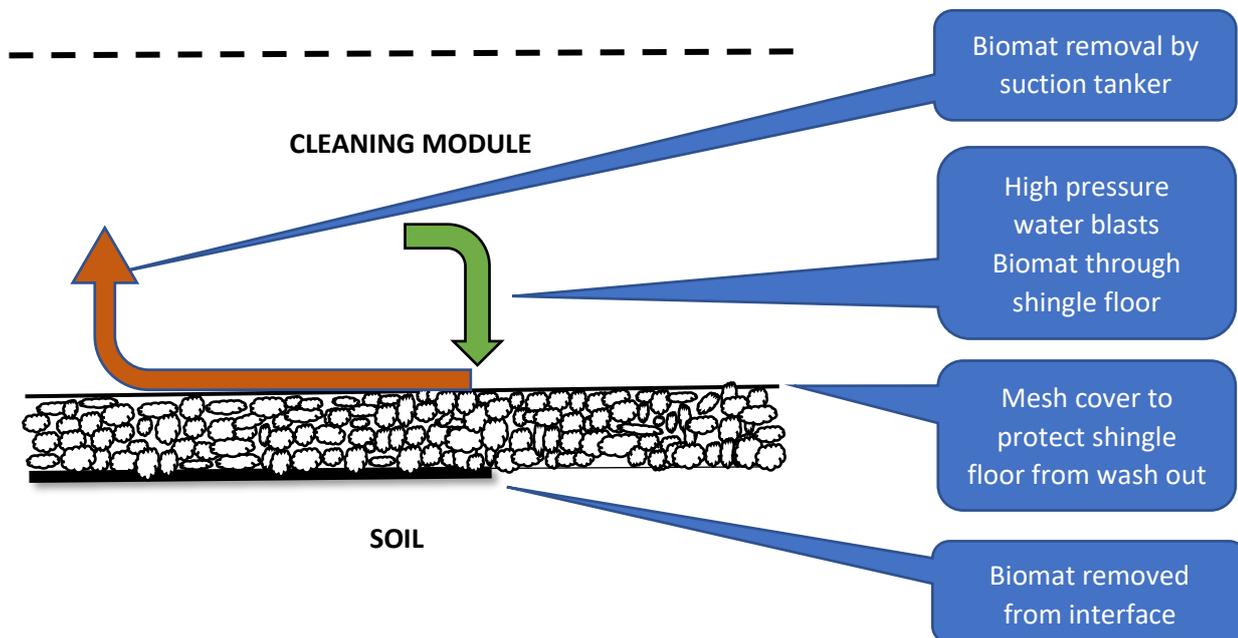
## *Making a difference!*

Customers now have the option to minimise the destruction of their gardens from long trenches. Huge savings: Each unit = 40metres x 0.3m. Also improvement on Rule 20 of GBR's.



## *How does Ecoclean work?*

A tunnel field usually contains an Ecoclean Module positioned at the downstream end, which has a 110mm diameter access port specifically for the entry of jetting equipment and subsequent suction removal of the bio mat, the shingle floor is also covered with a plastic mesh to provide protection against wash out from water at high pressure.



## *Specification*

Injection moulded from recycled mixed polypropylene / polyethylene and approved by the European Building Research Institute (ITB) Number AT-15 – 9303/2014.

- Measurements 1205mm x 800 x 630mm.
- Capacity – 320 litres.
- Tunnels and end plates have DN 100 fitting protrusions.



## *Installation*

- Units are designed for use with domestic properties.
- Excavate 1.0metre wide trench to suitable depth and minimum 25ccm cover with sufficient length for 4 units minimum and Ecoclean Module at downstream end.
- Place on 20mm pea shingle floor, 100mm depth to 1:100 downstream fall, with mesh interface throughout.
- Connect units together by simply lowering male onto female flanges. Wrap exposed surfaces with filtering geotextile.



## ***SALES AND DELIVERY***

- TUNNELS £36.95 each - 4 OR 16 per euro pallet, plus delivery.
- END PLATES £19.98 per pair - 2 or 8 on same pallet.
- ECOCLEAN MODULE £65.00 each incl. access fittings and mesh. (Ends not included) plus delivery.
- Max. 2 weeks from order.
- Delivery at min.£45.00 ex.vat.

## ***BUILDING REGULATIONS***

***The use of infiltration tunnels in conjunction with Sewage Treatment Plants has been approved by Wilkinsons in over 100 cases in the UK to date. For your next Inspectors visit and Completion Certificate simply e mail details to: [office@thebuildinginspector.org](mailto:office@thebuildinginspector.org)***



## ***APPROVALS***



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UEAtc and EOTA Member

**AT-15-9303/2014 BRI TECHNICAL  
APPROVAL**

**BECKER 320 INFILTRATION TUNNELS**