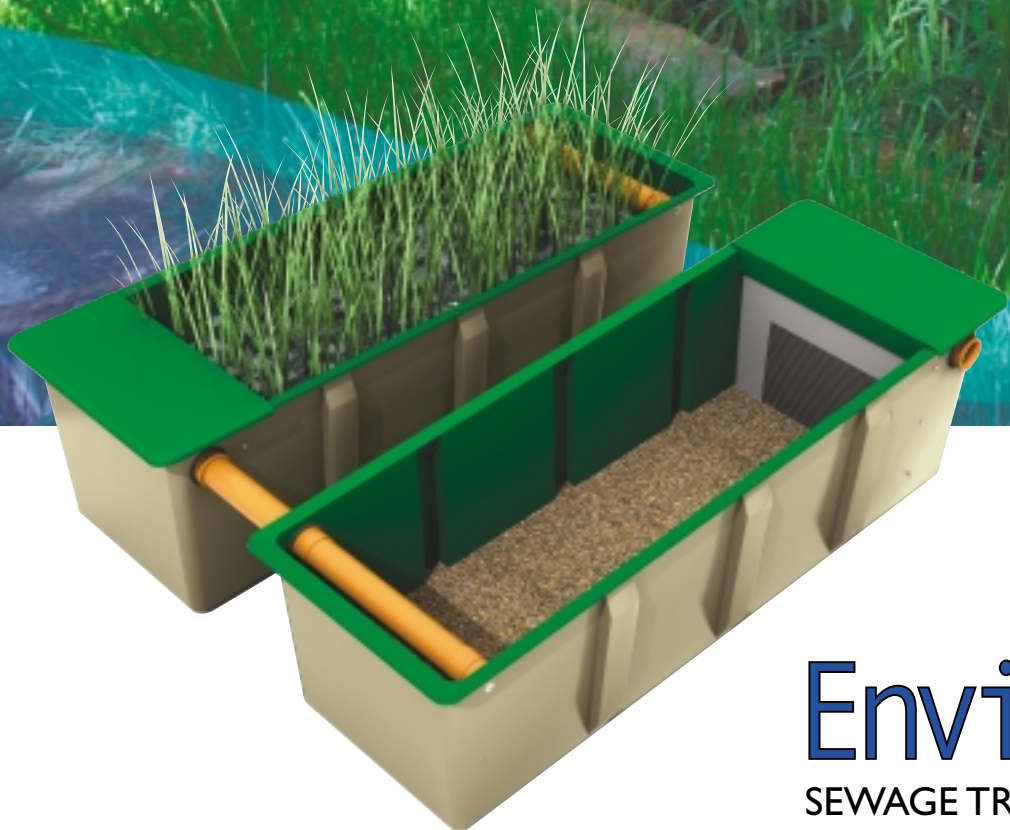


PERFORMANCE TESTED
in Germany to EN12566-3
in combination with a Part 3 plant

Reed Beds

The Natural Solution



Envirocare
SEWAGE TREATMENT SYSTEMS

*Caring for Tomorrow's
Environment... Today*

envirocare.ie

Reed Beds

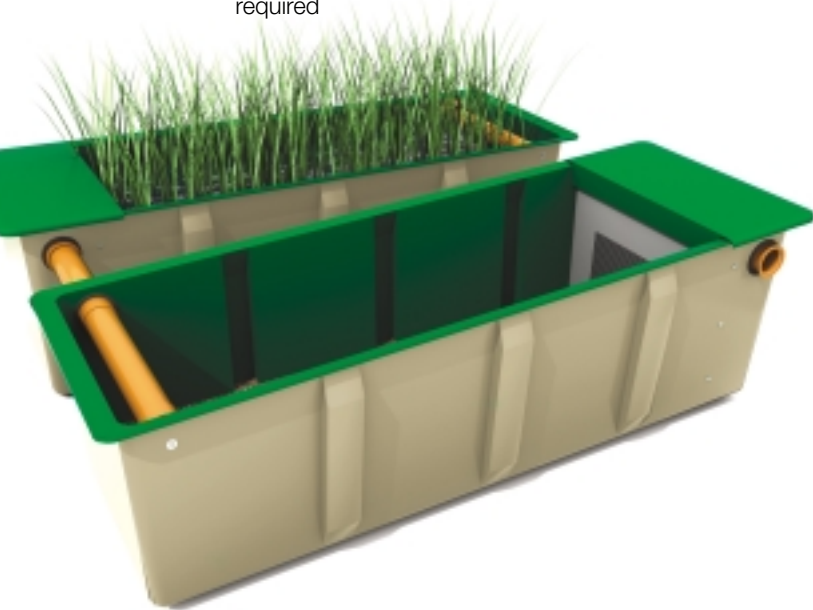
Environmentally friendly, natural filtration process

What is a reed bed?

A reed bed is a natural filtration process used in conjunction with a Sewage Treatment Plant to further enhance the quality of the effluent migrating into the surrounding watercourse.

Benefits

- Tertiary treatment for new applications with tight discharge consents
- Satisfies new building regulations
- Improved effluent quality for existing works
- Very low maintenance
- Aesthetically pleasing (during the summer) and environmentally friendly
- Easy to install and maintain
- Takes advantage of the heightened 'environment awareness' in Ireland
- Significantly improves discharge from a treatment plant
- Additional running costs only when a pump is required



Design

- Pre-fabricated to take out the guess work
- Modular system comprising of individual beds:
 - 6 population = 2 beds
 - 12 population = 4 beds
- One piece GRP moulding installed flush to the ground
- Reeds and GRP beds supplied. Washed pea gravel, 'growing' media by others (not included)
- BOD reduces suspended solids and ammonia by at least 50%
- Provides rooting zone depth of 600mm (required by Phragmites Australis)
- Modules designed with a hydraulic gradient across the length of the units
- Adjustable outlet weir allows water level control

Advice

The information in this sales literature is, by necessity, brief. For more detailed technical literature and drawings regarding applications, installation, maintenance or specific options, please contact Envirocare. We have both internal and field sales staff who will be pleased to assist.

Envirocare is a member of the Kingspan Group of Companies



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SEWAGE TREATMENT SYSTEMS

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| Reed Beds | HRB006 | HRB012 |
|--------------|---------|---------|
| Length | 2500 mm | 2500 mm |
| Width | 800 mm | 800 mm |
| Depth | 800 mm | 800 mm |
| No. Required | 2 | 4 |
| Outlet Size | 110 mm | 110 mm |