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Owls Hall Environmental working in
partnership with Klargester products.



Excellent Treatment

0845 375 1801
www.ohel.co.uk

Reed Beds



Nature's way of helping
the environment.

www.klargester.com


Klargester
Treatment Systems

Environmentally friendly, natural filtration process

What is a reed bed

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

Benefits

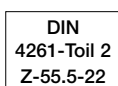
- Tertiary treatment for new applications with tight discharge consents
- Satisfies new building regulations
- Improved effluent quality for existing works
- Very low maintenance
- Aesthetically pleasing (during the summer) and environmentally friendly
- Easy to install and maintain
- Takes advantage of the heightened 'environment awareness' in the UK
- 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



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



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