

Is your Septic Tank compliant?

If your septic tank discharges directly to a watercourse you will be required to upgrade your drainage system or replace it with a sewage treatment plant as soon as possible (typically within 12 months).



Sewage Treatment Plant



Septic Tank

Previous to the General Binding Rules, wastewater from septic tanks was typically discharged in the following two ways:

- 1** **Drainage field**
Wastewater is released through a network of pipes in surrounding sub-soils, providing an additional form of treatment for the waste from the septic tank. This helps to ensure that the wastewater being dispersed does not cause pollution.

✓ Under the General Binding Rules, septic tanks discharging to drainage fields is still permitted.
- 2** **Directly to surface water or a watercourse**
Wastewater flows through a pipe directly into a watercourse.

✗ Under the General Binding Rules, septic tanks discharging to surface water is no longer permitted.

If you are non-compliant, you will have the following three options:

- 1** **Upgrade your septic tank to a Kingspan Klargester sewage treatment plant**
Kingspan recommends installing a sewage treatment plant which treats the wastewater, producing a clear overflow that is environmentally friendly and suitable for discharging. Featuring the market leading domestic BioDisc, the Klargester range of sewage treatment plants are fully compliant with all relevant British and European standards, highly efficient and economical to operate. Despite their high efficiency rating, treatment plants don't cost significantly more to buy and install than a septic tank and require a smaller drainage field.
- 2** **Connect to the main sewer**
This may not be possible in remote locations, although pump chambers can be used to direct wastewater to the mains sewer.
- 3** **Install a drainage field (designed in accordance with BS 6297)**
This allows the septic tank to discharge wastewater into the ground instead of surface water or a watercourse. In many cases, the installation of a drainage field is not possible due to site constraints such as space and/or the soil not having sufficient drainage potential (i.e. rock, clay, high water table).

Septic Tank Converters are not compliant

As stated under the Government's General Binding Rules*

"You cannot use a septic tank conversion unit or a reed bed for discharging effluent to a watercourse under the general binding rules"

Need more help and advice?

T: 01296 633033 E: klargester@kingspan.com

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*Under the new General Binding Rules, if you have a septic tank that discharges directly to surface water or a watercourse, ie, a water ditch, stream, river, etc, you must upgrade or replace your septic tank to a full sewage treatment plant system as soon as possible.
Source: www.gov.uk/guidance/general-binding-rules-small-sewage-discharge-to-a-surface-water



Sewage Treatment Solutions



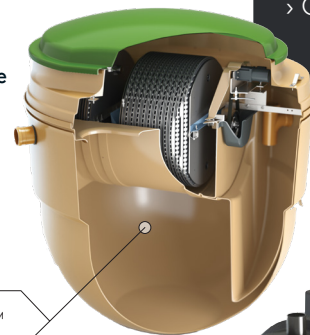
Performance & Compliance

- > Certified to BS EN 12566 Part 3 tested and approved
- > CE marked

BioDisc™

For domestic dwellings without access to mains drainage, the Klargester BioDisc® sewage treatment plant provides a reliable, efficient and environmentally safe solution to your sewage disposal needs.

The RBC is central to the operation of each Klargester BioDisc®. It supports a biologically active film or biomass onto which aerobic micro-organisms, naturally found in sewage, become established. Natural breakdown of sewage can then occur.



BioDisc™

BioFicient™

The Klargester BioFicient has been specially designed for shallow dig applications, allowing for an unobtrusive below ground installation. Its unique design features include its low profile cover and adjustable extension neck, saving on-site installation time and expense.

The BioFicient is a highly economical and reliable solution for your sewage treatment needs. Offering low running costs, the BioFicient is easy to maintain – with the high performance you would expect from the Klargester Product Range.

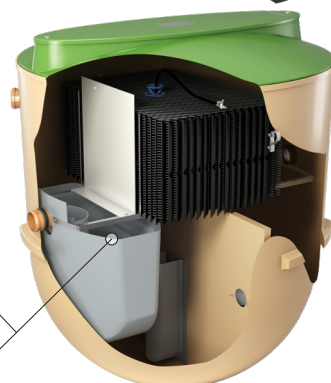


BioFicient™

BioTec™

The Klargester BioTec™ is the economical off-mains solution for single houses and uses the tried and tested aerobic biological process for the treatment of domestic sewage.

Klargester BioTec™ sewage treatment systems are ideal for single/multiple houses and employ the well proven aerobic biological trickling filter process for the treatment of sewage. Easy to install, the BioTec™ systems are available in variety of sizes to suit any domestic application.



BioTec™