

Water Management Solutions

Klargester

BioTreat Tertiary Treatment System



Up to
99.2% BOD₅*
& **99.3%
Suspended
Solids***

Due to higher demands on wastewater effluent qualities, Kingspan Klargester have designed a new tertiary treatment system to achieve higher BOD removal.

Why choose a BioDisc complete with BioTreat solution?

- Improved effluent quality – BOD₅ 99.2%*
- Improved Suspended Solids – 99.3%*
- Reduced risk of a pollution incident
- Third party tested to EN 12566-3
- Easy to install and maintain
- Affordable service plans available

*When the Tertiary Treatment System is used alongside our Klargester Commercial BioDisc.



As part of our Planet Passionate programme, Kingspan are dedicated to delivering innovative surface water management technologies, developed on the back of 65 years' experience.

Terms and conditions apply. View online at <https://www.kingspan.com/gb/en-gb/products/wastewater-management/warranty-terms>



Klargester BioTreat Tertiary Treatment System

How it works

The Tertiary Treatment system comprises of horizontal modules constructed from GRP, filled with granular material which provides the hydraulic flow path and the environment to achieve improved effluent quality.

BioTreat	Model	BIOT08	BIOT09	BIOT10	BIOT11	BIOT12	BIOT13
Daily Flow	m ³ /d	11.25	15.00	18.75	22.50	33.75	41.25
Diameter	mm	2605	2605	2605	2605	2605	2605
Length	mm	7933	7933	7933	10,610	10,610	13,250
Inlet Invert	mm	600/1000	600/1000	600/1000	350/750	350/750	350/750
Outlet Invert	mm	700/1100	700/1100	700/1100	450/850	450/850	450/850
Inlet /Outlet Pipework	mm	Ø160	Ø160	Ø160	Ø160	Ø160	Ø160

*When the Tertiary Treatment System is used alongside our Klargester Commercial BioDisc the following results can be achieved:

BioDisc + Filter Module	Description	% Removal
BOD ₅	Biochemical Oxygen Demand	99.2%
SS	Suspended solids	99.3%
NH4-N	Ammonia	98.4%
TNb	Total Nitrogen	69.4%



The Tertiary Filter System can also be used on other plants to improve effluent quality

Filter Module	Description	% Removal
BOD ₅	Biochemical Oxygen Demand	77.8%
SS	Suspended Solids	75.8%
TNb	Total Nitrogen	19.8%

For more information on any of our products: T: +44 (0)1296 633 033
E: klargest@kingspan.com or visit [kingspan.co.uk/klargest](https://www.kingspan.co.uk/klargest)

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