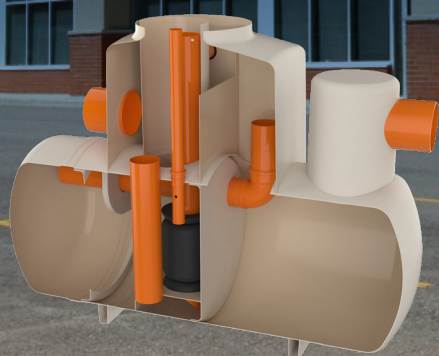


Water Management Solutions

Klargester

AquaTreat Bypass GRP Surface Water Treatment Separators



Mitigation Indices

TSS	0.8
Metals	0.6
Hydrocarbons	0.9*
*Test results to BS EN858	

Why choose an AquaTreat separator?

- Larger sludge storage capacities (compared to vortex separators)
- Our separator achieves low to medium risk indices, but can achieve high risk indices if installed in a train
- Lesser risk of downstream pollution in SuDS drainage solution due to high capacity sludge storage
- Vent points with necks
- Easier servicing with maintenance from ground level
- SmartServ Pro remote monitoring solution (available as optional extra)

Application Risk (SuDS Manual Indice)	Tested at PIA Aachen				BS EN 858	
	Total Suspended Solids (TSS)		Metals		Hydrocarbons	
	Mitigation Indice	AquaTreat % Removal	Mitigation Indice	AquaTreat % Removal	Mitigation Indice	AquaTreat % Removal
Low Risk	0.8 (80%)	0.8697 (86.97%)	0.6 (60%)	0.6523 (65.23%)	0.9 (90%)	0.9997 (99.97%)

KNECT PRO
POWERED BY
SMART MONITORING

With Klargester, your AquaTreat Bypass Separator is monitored, serviced and cared for by the experts who know it best, giving you total peace of mind.

As part of our Planet Passionate programme, Kingspan are dedicated to delivering innovative surface water management technologies, developed on the back of 70 years' experience.

*Terms and conditions apply. View online at <https://service.kwe.kingspan.com/warranty-registration-ie>



Klargester AquaTreat

Bypass GRP Surface Water Treatment Separators

Technical Specifications

26.2 Pollution hazard indices for different land use classifications

Land Use	Pollution Hazard Level	Total suspended solids (TSS)	Metals	Hydrocarbons
Residential roofs	Very low	0.2	0.2	0.05
Other roofs (typically commercial/industrial roofs)	Low	0.3	0.2 (up to 0.8 where there is potential for metals to leach from the roof)	0.05
Individual property driveways, residential car parks, low traffic roads (eg cul de sacs, homezones and general access roads) and non-residential car parking with infrequent change (eg schools, offices) ie <300 traffic movements/day	Low	0.5	0.4	0.4
Commercial yard and delivery areas, non-residential car parking with frequent change (eg hospitals, retail), all roads and trunk roads/ motorways(1)	Medium	0.7	0.6	0.7
Sites with heavy pollution (eg haulage yards, lorry parks, highly frequented lorry approaches to industrial estates, waste sites), sites where chemicals and fuels (other than domestic fuel oil) are to be delivered, handled, stored, used or manufactured; industrial sites; trunk roads and motorways(1)	High	0.8 (2)	0.8 (2)	0.9 (2)

Model	Treated Flow Rate [l/s]	Connectable Surface Area [m ²]	NSB Flow Rate EN858-1	EN858-1 Connectable surface [m ²]	Dimensions		Based on BS EN 858	
					Length [mm]	Diameter [mm]	Silt Storage Capacity [L]	Oil Storage Capacity [L]
SWB002	7	933	10	5,556	2072	1220	1000	150
SWB003	10	1,333	15	8,333	2950	1220	1500	225
SWB004	13	1,733	20	11,111	3896	1220	2000	300
SWB005	17	2,267	25	13,889	3576	1420	2500	375
SWB006	20	2,667	30	16,667	4266	1420	3000	450
SWB007	27	3,600	40	22,222	3230	1920	4000	600
SWB008	33	4,400	50	27,778	3960	1920	5000	750
SWB009	50	6,667	75	41,667	5841	1920	7500	1125
SWB010	67	8,933	100	55,556	7661	1920	10000	1500
SWB011	83	11,067	125	69,444	9548	1920	12500	1875

For more information on any of our products:

T: +44 (0) 28 3026 6799

E: klargestinfo@kingspan.com

W: klargest.ie



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