

On-site wastewater treatment plants

Bio-mites

Our range of Bio-mites are wastewater treatment plants that process wastewater to a specified quality, typically to reuse for irrigation and other non-potable applications.

Bio-mites are available in the following configurations to allow for easy customisation as required:

- **Hybrid** – a combination of above and below-ground installation as per the space and setup requirements.
- **Below-ground** – all components are installed below-ground.
- **Above-ground** – all components are installed above-ground, with the exception of the pumping chamber/s.
- **Containerised** – all components are fitted into an above-ground container, with the exception of the pumping chamber/s.



BM4

Name	Capacity	Max people	Loading rate	Type	Code	Availability
BM4	1KL	up to 4	0.24kg/day (B.O.D/day)	Above-ground Below-ground	BM4A BM4B	SP ●
BM10	2KL	up to 10	0.60kg/day (B.O.D/day)	Above-ground Below-ground	BM10A BM10B	SP ●
BM15	2.5KL	up to 15	0.9kg/day (B.O.D/day)	Below-ground	BM15B	VAS ●
BM25	5KL	up to 25	1.50kg/day (B.O.D/day)	Above-ground Below-ground Hybrid Containerised	BM25A BM25B BM25H BM25C	VAS ●
BM35	6KL	up to 35	2.1kg/day (B.O.D/day)	Above-ground Below-ground	BM35A BM35B	VAS ●
BM50	10KL	up to 50	3.00kg/day (B.O.D/day)	Above-ground Below-ground Hybrid Containerised	BM50A BM50B BM50H BM50C	VAS ●
BM75	15KL	up to 75	4.50kg/day (B.O.D/day)	Above-ground Below-ground Hybrid	BM75A BM75B BM75H	VAS ●
BM100	20KL	up to 100	6.00kg/day (B.O.D/day)	Above-ground Below-ground Hybrid Containerised	BM100A BM100B BM100H BM100C	VAS ●
BM125	25KL	up to 125	7.50kg/day (B.O.D/day)	Above-ground Below-ground Hybrid	BM125A BM125B BM125H	VAS ●
BM150	30KL	up to 150	9.00kg/day (B.O.D/day)	Above-ground Below-ground Hybrid Containerised	BM150A BM150B BM150H BM150C	VAS ●
BM200	40KL	up to 200	12.00kg/day (B.O.D/day)	Above-ground Below-ground Hybrid Containerised	BM200A BM200B BM200H BM200C	VAS ●

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Bio-mites (continued)



BM10

Name	Capacity	Max people	Loading rate	Type	Code	Availability
BM250	50KL	up to 250	15.00kg/day (B.O.D/day)	Above-ground Below-ground Hybrid Containerised	BM250A BM250B BM250H BM250C	VAS ●
BM300	60KL	up to 300	18.00kg/day (B.O.D/day)	Above-ground Below-ground Hybrid Containerised	BM300A BM300B BM300H BM300C	VAS ●
BM350	70KL	up to 350	21.00kg/day (B.O.D/day)	Above-ground Below-ground Hybrid Containerised	BM350A BM350B BM350H BM350C	VAS ●
BM400	80KL	up to 400	24.0kg/day (B.O.D/day)	Above-ground Below-ground Hybrid Containerised	BM400A BM400B BM400H BM400C	VAS ●
BM500	100KL	up to 500	30kg/day (B.O.D/day)	Above-ground Below-ground Hybrid Containerised	BM500A BM500B BM500H BM500C	VAS ●

Note:

Our WWT plants as standard make use of chlorine as a disinfecting agent in the final contact tank. This process is implemented to kill the remaining biological contaminants in the treated wastewater. We find this method to be effective, affordable, robust and relatively simple to manage and control. Please note, there are alternative disinfection options and depending on your use of the treated water, disinfection may not be required. Please enquire for more details on **012 742 0900** or send an email to sales@calcamite.co.za.

Need help finding the right solution?

Get in touch and let one of our experts advise on a solution catered for your setup and application.

Contacts us

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