



ecoBLOX[®] micro

SiC PACKAGED MEMBRANE BIOREACTOR

MBRs are a fantastic technology that we need – it provides a level of wastewater treatment that no other technology can but they sometimes face operational challenges or difficulties. Let's remember that membranes in an MBR are in a turbulent, high mixed liquor, high fouling environment which can place tremendous stress on any membrane. ecoBLOX-micro systems are able to endure and withstand the stresses of an MBR environment by utilizing SiC membranes that are a rock!

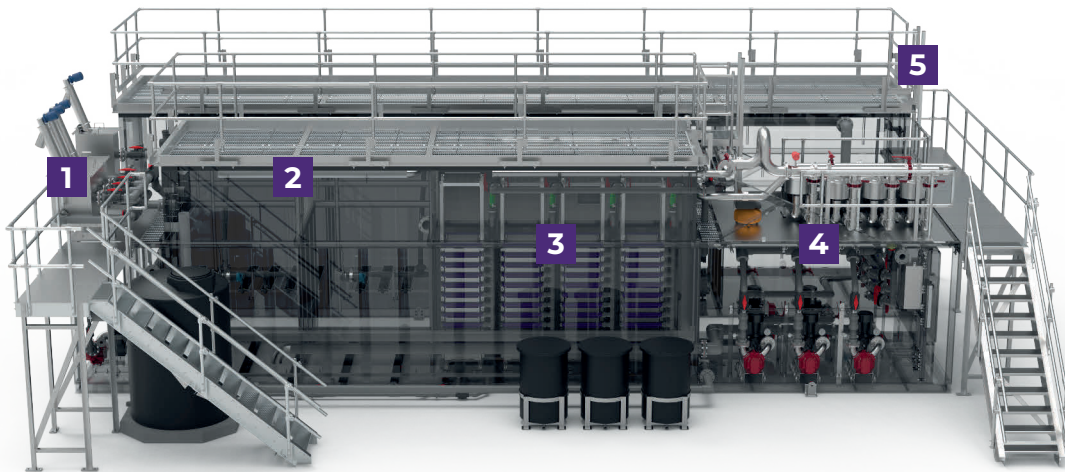
ecoBLOX-micro systems are truly resilient. ecoBLOX-micro systems have the widest operational window meaning they can adapt, without failure, to changes in process conditions. This ability to adapt ensures smooth operation, long membrane life, and low life cycles costs. ecoBLOX-micro plants are also a great fit for installations with seasonal flow, like ski resorts, where temporarily shutting down the system for an extended period of time makes sense.



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With an extremely small footprint and flexible design, ecoBLOX systems can be easily integrated into existing treatment plants. That same flexibility, coupled with smart automation and process design make it perfect for greenfield installations.



- 1 – Fine & Coarse Screens
- 2 – Biological Treatment Zones
- 3 – SiC Membranes
- 4 – Equipment Decks
- 5 – Walkways and Ladders

ecoBLOX-micro systems are efficient package solutions for wastewater treatment. Designed and engineered for simple operation.

The systems can be configured to site condition needs and treatment goals.

They include influent screening, biological treatment, and SiC membranes filtration to produce reuse quality effluent.

The units are completely skid mounted and easy to setup with a few field connections for piping and electrical connections with integrated control panel.

Key Features & Benefits:

- Ready-to-Operate MBR System
- Small footprint
- Easily transported and located

Ideally suited for housing developments, isolated communities, military camps, shopping malls, golf courses, resorts, casinos, sewer mining (scalping), some industrial, reuse and more.

