

Description

MBBR (FAB) system is an advanced high rate wastewater treatment process utilizing free-floating media which houses huge quantity of active Biomass (MLSS) in it. Moving Bed Bio Reactor/ Fluidized Aerated Bed Reactor (FAB) media can be utilized in new or old bio reactors and enhance performance. Once the media is placed inside a bio reactor and set in proper operation; you have a complete stable, clog-free bio-film reactor.

Microorganisms, which are attached to the floating media reduce the organic load. This is a fixed-film process where the floating media become carriers that build a floating bed in the water and stabilize WWTP.

Design Features

- Optimize protection for the biomass
- Excellent surface area
- Highest quantity in per sqmtr
- Lowest density to avoid deep submerge
- Extremely robust & reliable
- Wide application: municipal & industrial waste water treatment

Applications

- Municipal Sewage Treatment Plant
- Community Sewage Treatment Plant
- Industrial Effluent Treatment Plant

Performance Data

Sr. No.	Specification	Model 16 X 25	Model 16 X22
1	Excellent Surface area	450 sqmtr	400 sqmtr
2	Lowest Density	0.84 against water	0.94 against water
3	Dimension	16 x 25 mm	16 x 22 mm
4	Quantity /m ³	70000 PC	70000 PC
5	Wt./PC	1.9 gm	1.6 gm



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