

New Cross-Shaped Media Expanded Polypropylene Design



High void fraction minimizes head losses through the bed. Ideal for limited excess head, or systems with high peaking factors.

Light-weight, highly buoyant design is ideal for up-flow systems.

Media is resistant to fouling, clogging, damage or abrasion.

Efficiently manage flow variations of greater than 4x.



The perfect balance of particulate capture & high porosity for primary, secondary or tertiary applications.

High biofilm densities for rapid biological treatment & low hydraulic residence requirements.

High Void Fraction: 0.4

High TSS Loading Rate: 3 kg/m³ max

Minimizes Head Loss: 2m total loss through system

Specific Surface Area: 2100 m²/m³

Density: < 0.2 g/ml

Made With Expanded Polypropylene

- Cost-effective
- Long lifespan (> 35 years)



Patented Cross-shape Media

FOR MORE INFORMATION

info@tomorrowwater.com | www.tomorrowwater.com

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Impact Makers

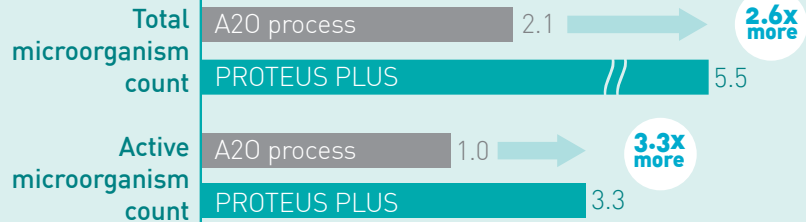
Find Space In Your Facility Shrink your treatment footprint with greater efficiency

Biofiltration

Multifunctional wastewater treatment combining physical filtration with biological treatment.



3 times more active microorganisms than A20 Process



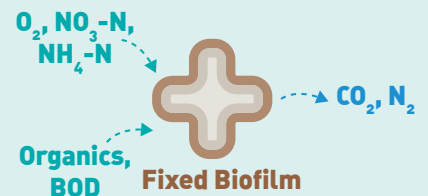
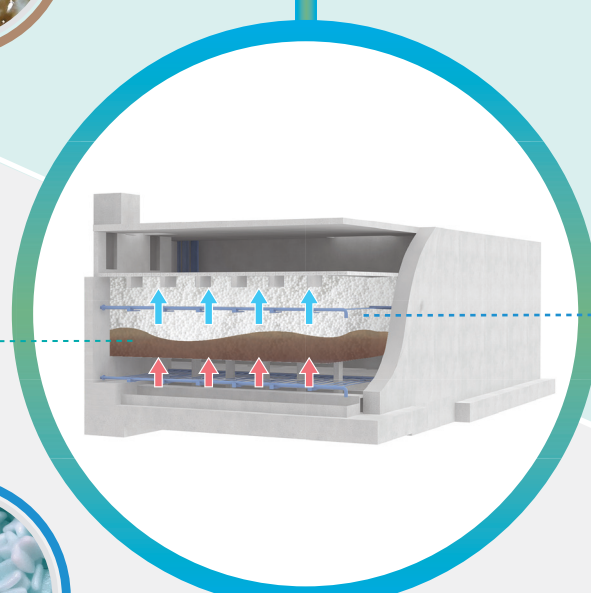
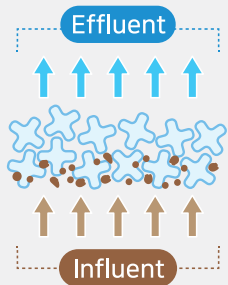
Higher processing efficiency with small footprint using high concentrations of biofilm.



Biofiltration

Organics & Nutrients Removal

Solids Removal



Biological material cannot be washed out



Physical Filtration

High-rate Upflow Filtration

A revolution in primary treatment that replaces gravity clarifiers.



Proteus Primary Filtration is 7 times faster than conventional gravity clarifiers

Patented media maximizes void ratio for high-rate wastewater treatment.

Improve primary TSS & BOD removal for energy savings.