Also known as a “Stamford Baffle”, the Protectolite™ Composites Density Current Baffle is an advanced baffle design that redirects the density currents that form at the edges of the clarifiers back towards the center, thereby improving the performance of the clarifier.

Protectolite™ Composites Density Current Baffles are modular in design, with pre-assembled baffle sections and FRP support brackets to provide reliable and trouble-free installation.

www.protectolite.com
Density Current Baffles

Density Current Baffles: Square tank installation

Density Current Baffles: Insert shows FRP support bracket
TECHNICAL DATA

References
ASTM D 570 - Standard Test Method for Water Absorption of Plastics
ASTM D 638 - Standard Test Method for Tensile Properties of Plastics
ASTM D 2583 - Standard Test Methods for Indentation Hardness of Rigid Plastics by means of a Barcol Impessor

Fiberglass Reinforced Plastic (FRP) Physical Properties
Tensile Strength: ASTM D 638: 12,000psi
Flexural Strength: ASTM D 790: 19,000psi
Barcol Hardness: ASTM D 2583: 35
Notch Izod Impact: ASTM D 256: 13ft-lbs/inch
Water Absorption: ASTM D 570: <0.5%

Standard color is cement grey, other colors available upon request.

Benefits:
- Corrosion resistant
- Custom fabricated to fit each clarifier
- Lightweight and modular, for easy installation and maintenance
- Separate support brackets for ease of installation

Protectolite™ Composite FRP is a tough, impact resistant, lightweight composite fiberglass material that withstands the aggressive chemical action of corrosive substances used in industrial and municipal sites around the world. Ideal for use in outdoor applications.
Other FRP products available from Protectolite™ Inc.

Density Current Baffles

Pro’Deck Flat Cover

Weirs, Scum Baffles & Density Current Baffles

Launder Covers

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PRO’DECK
Flat covers composed of interlocking planks for easy installation and long life.

LAUNDER COVERS
Reduce algae growth with modular FRP launder covers for easy installation and long life.

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