

EQUIFLUX®

Physico-chemical treatment by longitudinal lamellar settler

EQUIFLUX® is used for physico-chemical treatment combining coagulation, flocculation, and separation of suspended solids through lamellar settling on a rectangular structure.



The EQUIFLUX technology offers the following benefits:

- Different sludge recovery systems (hoppers, chain scrapers, sludge suction systems...)
- The patented LAM-CLEANER® system for automatic cleaning of the lamellae.

The arrangement of lamellae and the collection troughs ensures optimal distribution of the settled water.

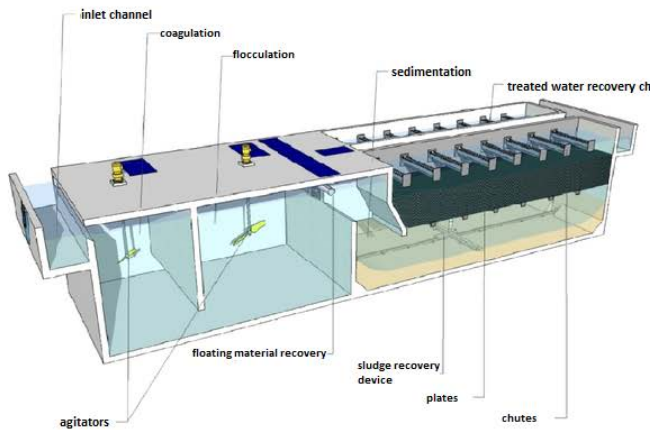
It uses LAMEL lamellae plates designed by Stereau, assembled in tubes or honeycomb structures, providing excellent mechanical resistance. The "projected" surface area varies depending on the models (spacing and length) and the process applications.

APPLICATION AREAS

- Drinking water and wastewater

EQUIFLUX®

COMPACT PHYSICO-LAMELLAR SEDIMENTATION PROCESS



The "LAMEL-CLEANER®" plates, their supports, and the collection troughs are equipment designed and developed by Stereau.

Stereau has designed LAM-CLEANER®, a patented automatic device for cleaning the lamellae by air injection.

The sludge recovery in **EQUIFLUX®** can be done through three systems:

- Hoppers shaped like inverted pyramids for smaller structures
- Chain scrapers that feed hoppers located at the inlet of the settling structure
- In drinking water applications, one or two pneumatically driven extractors suction the sludge for flat-bottomed structures.

The design of the chutes promotes even distribution.



EQUIFLUX® integrated into a building

FEATURES

- **Projected settling surface area**

Varies depending on the treatment type

- **Option**

Automatic cleaning of the lamellae with LAM-CLEANER®

- **Covers**

The **EQUIFLUX®** process can be covered by a building or a removable, flexible, or rigid cover.

REFERENCES

Bray (Angleterre), Harbin (Chine), Save et Cadours, Angle Guignard, Champagne-sur-Seine, Pinel, Le Fousseret, St Sauveur-Lendelin, Fontgombault, Blois, Roques-sur-Garonne, Quimperlé...



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