



# COMPACT LAMELLA settler





## ■ COMPACT LAMELLA SETTLERS

Prefabricated lamella settlers do provide a reduction of the base area occupied, while allowing significant savings on civil works, since their installation is much more simple.

This combination makes these equipments ideal for spaces where civil works may be either difficult or expensive.



Our experience and references in different sectors put us as a company of reference in this field, allowing us to offer all operational and quality guarantees.

## ■ PHYSICAL-CHEMICAL EQUIPMENTS

ECOTEC is specialist in the design of compact equipments that incorporate chambers (mixing, coagulation, flocculation, etc.), forming une single physical-chemical unit.

## ■ MATERIALS

The most common material used for our equipments is polipropylene, due to its multiples advantages:



- Excellent non-corrosive properties.
- Light material.
- Optimum quality to price ratio.
- Material versatility allows several sizes and shapes so that our equipments meet specific project requirements.

Equipments can also be built in steel or stainless steel whenever it is necessary.

Lamellas are made in PVC en polipropylene. Poliproylene has food quality certificate, and the selection of the suitable model and material is made according to each specific application (type of water, temperature, etc.)

## ■ APLICACIONES

Most usual applications are:

- Drinking water plants (small and medium size).
- Small waste water treatment plants.
- Physical-chemical industrial plants.



Flow ranges vary according to each particular case (application, suspended solid concentration, etc.), but ECOTEC can deliver equipments for flows up to 300 m<sup>3</sup>/h per unit.

## ■ TECHNICAL ASSISTANCE

ECOTEC cooperates with our customers in the design and optimization of the equipments.

## ■ PILOT PLANTS

ECOTEC has several small-scale units, made in different materials and with different characteristics which can be used for tests.

These equipments do support the installation of different lamella models, which allows to carry out comparative performance studies for specific applications that will later on optimize the industrial scale units.





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