



Model
SPP

Solids Settling Media

The Slant Plate Pack, Settling Media Systems provide high performance solids settling in a compact, high surface area design.

For solids settling the SPP settler systems are a high performance, compact solution when compared to traditional clarification for drinking water, wastewater, industrial, groundwater treatment system as well as any application where settling is part of the design.

The SPPs are a good choice to increase treatment throughput in preexisting systems, reduce new installation footprints, improve effluent water quality, and decrease operating costs.

SPP settling packs consist of a series of sloped, flat or corrugated plates that reduce settling distance and combine to form an increased, projected effective settling area.

Smaller, typically un-settleable floc particles only have to fall a short vertical distance to reach the plate surface as opposed to falling a greater distance as in a large open tank. Upon encountering the surface the solids accumulate and coalesce, forming larger, denser particles accelerating the slide down the plate, dropping out of the pack and settling to the tank floor.

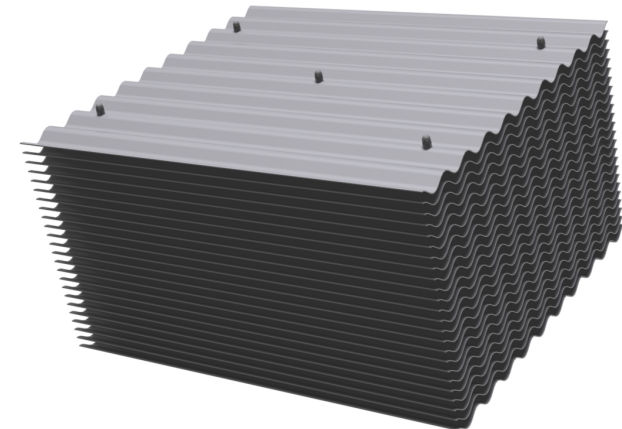
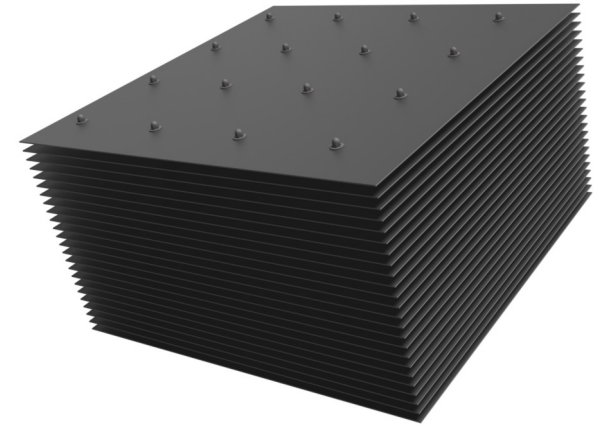
Pan America Environmental can provide review of your existing tank to replace existing media or engineer the fitting of Slant Plate Packs into a tank for the first time via modifications to optimize tank design for the best settling environment.

Features Include:

- ◆ Flat or corrugated plate design
- ◆ High surface area per Ft³
- ◆ Long lasting PVC construction
- ◆ Solids settling design
- ◆ Variable plate spacing
- ◆ Space efficient concept
- ◆ Potable or non-potable materials
- ◆ 55° plate angle

Options:

- ◆ Drop in module, frame & pack to convert a frac or concrete tank.
- ◆ Available plates: PVC, FRP, PP
- ◆ Available widths: 12", 24", 48" & others based on materials.
- ◆ Available lengths: 12" to 8' custom lengths based on volume.



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