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## 2.2 Corrugated parallel plate separation cells

The principle of projected surface is applied by stacking corrugated plates with a defined gap between them. This means an augmentation of the separation because the separation efficiency is directly proportional to the projected surface.

The flotator PPM-600BSP has two separation cells and a projected area of 300 m<sup>2</sup>. At a flowrate of 680 m<sup>3</sup>/h, we obtain an over flowrate of 2.3 m<sup>3</sup>/m<sup>2</sup>/h (1.1 usgpm/sqft).

In these conditions we can obtain an optimum separation efficiency.