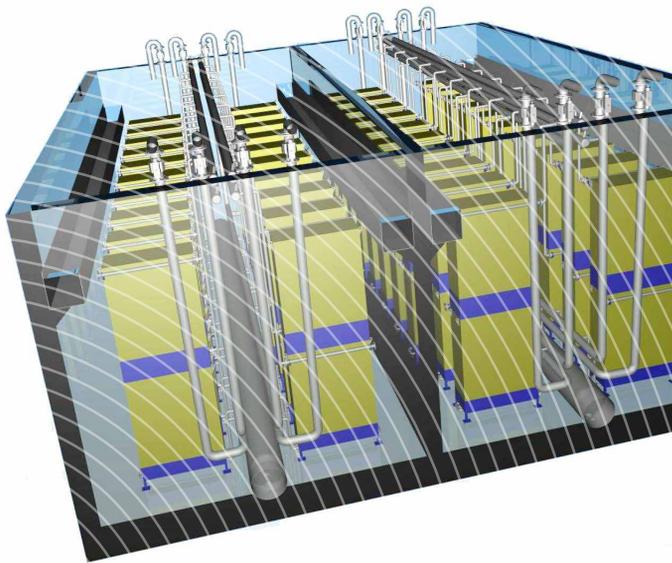


Ultragreen™

biological purification by ultrafiltration flat sheet membranes recommended for installations up to 100,000 PE

○ urban wastewater



guarantee the water quality beyond the highest standards, even in the case of strong seasonal fluctuations

○ performance and savings

a quality treatment optimized by ultrafiltration, exibility and modular design, providing investment savings

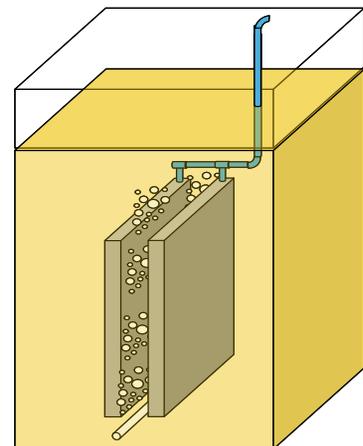
○ sustainable development

protection of nature, local populations and water resources

innovation

use of membrane technology to better control the separation of water and sludge

Ultragreen™ is a wastewater treatment process (residential and industrial) by ultrafiltration flat sheet membranes. Particularly well adapted to small installations of less than 100,000 PE, Ultragreen™ combines biological treatment with membrane filtration.



key figure

Ultragreen™ works with high concentrations up to

15 g/L



Ultragreen™ technology . . .

Ultragreen™ combines both a biological treatment using activated sludge and a clarification by immersion of flat sheet membranes. Water to be purified enters into a reactor where it is put in contact with a purifying bacterial mass before passing through the membranes.

A boosted elimination of suspended solids: Ultragreen™ functions according to the out / in principle of immersion filtration, in other words a filtration flow from exterior to interior.

In this process the membranes are mechanically reinforced flat sheets and are assembled in modules and set within racks which are placed one next to the other in an immersion tank.

These flat sheet membranes have a 0.08 µm nominal pore size, which creates a true physical barrier for the elimination of bacteria, and helminth eggs, and a reduction in fecal coliforms.

. . . what it can do for you



among our references

Val d'Arly, France
capacity: 29,000 PE

Cogolun-Gassin, France
capacity: 45,000 PE

Saint-Barthélemy, France
capacity: 3,500 PE