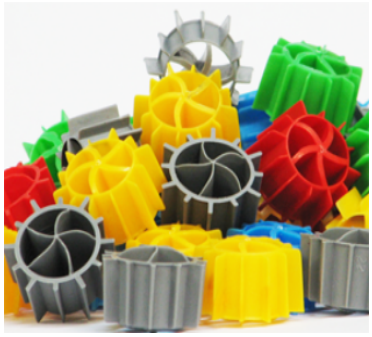

BIOFILL C TYPE and CT TYPE

The BIOFILL C-TYPE is the latter and better product designed by technicians specialized in biological treatments of fix biomass, in collaboration with the Polytechnic University of Catalonia and the CSIC. The filling is designed in order to contain a large quantity of biomass in its cavities and increase significantly the performance of the treatment where it is to be put, either aerobic or anaerobic.

It is produced in two versions: C type, with density under 1
CT type, with density over 1

Its areas of application are many, covering mobile beds for the ampliation of wastewater treatment plants (either urban or industrial), agriculture wastewater treatment plants (collector and packaging plants for legumes, tubers, vegetables and fruit) and aquaculture (fish farming in general). In this range we also include the regeneration of lagoons, rivers and subterranean waters, anaerobic treatments and others.

MAIN FEATURES FOR C TYPE

- **Specific surface** : **> 525 m2/m3**
- **Free volume** : **- %**
- **Nº of pieces/m3** : **70.050**
- **Piece diameter** : **25 mm**
- **Weight per piece** : **1,2 gr**
- **Weight per m3** : **127 kg**
- **Weight per piece BIOFILL C-2** : **1,3 gr**
- **Weight per m3** : **133 kg**
- **Made by injection in** : **PP and PET**
- **Compression** : **-Kg/m3**
- **Max. working temperature** : **65 ºC**
- **Resistance to hydrocarbons** : **Good**
- Resistance to alkalis : Excellent
- Collocation : Random

BIOFILL C-TYPE achieves good synergy with the products **MICROCAT**:

MICROCAT DEN: Optimum for denitrification in anoxic conditions.

MICROCAT AL: To maintain water transparency in fish farming factories and ponds.