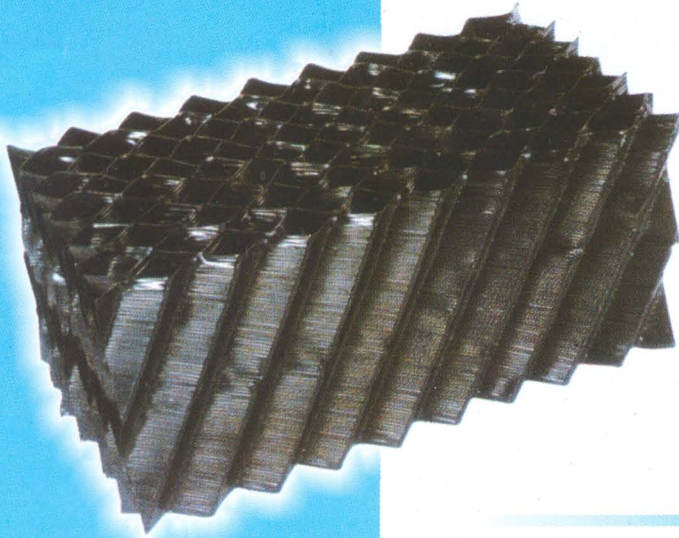


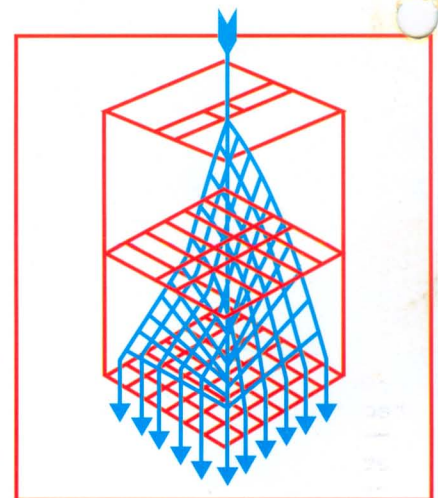
# Bio Growth Media



BK-27B is specially designed for biological fixed film systems. Cross Flow media provides a cost-effective method for reducing of organics (Roughing and polishing), nitrification, denitrification, and anaerobic treatment of municipal and industrial waste water. The modules are fabricated and rigid, non-flammable PVC sheets are UV-protected and resistant to rot, fungi/ bacteria, acids and alkalis commonly present in municipal wastewater.

## The Cross Flow Advantage

Each sheet in a module is completely corrugated at a 60° angle from the horizontal and assembled in cross-corrugated pattern with adjacent sheets, creating a minimum 95% void-to-volume ratio. This configuration provides continuous and uniform horizontal distribution of both air and water throughout the full media depth, enhancing contact between the wastewater and the media biofilm.



## Varied Applications

- Tricking filters, bio-towers, nitrification towers; for new installation or replacement of existing media.
- Ideal replacement for rock, wood, or random media, increases retention time and wastewater biomass contact; improves wastewater distribution and ventilation.
- Excellent for submerged fixed-film systems in either aerobic or anaerobic modes, high mixing/redistribution and open void area promotes air and liquid mixing without impeding flow.

In pursuit of  
ENVIRONMENTAL PROTECTION



visit us at : [www.bobkay.com](http://www.bobkay.com)