

# Pelgreen Byobin

---

## *Wet Waste Management for Apartment Communities*

We have a unique solution, which uses Advanced Composting Using Aerobic Assistance (ACUAA) to convert your **entire wet waste** (kitchen and garden waste) into a soil-less planting media, which can be directly used for growing plants. Our solution involves the use of specially designed ByoBins and a unique eco-friendly Pelrich Composorb inoculum powder, developed by Pelican Biotech in partnership with the Department of Biotechnology, Govt. of India.

### **We have a superior solution in all aspects**

- 100% decomposition of wet waste (veg, non-veg)
- No tilling or chopping required
- No external energy required (zero carbon footprint)
- No smell emanating from wet waste
- Leachate proof designed composting bin
- Very low area footprint required in your apartment complex
- Output of composted wet waste is nutrient rich soil-less planting media
- The soil-less planting media also degenerates with time, preventing accumulation of compost
- Low cost solution



### **How does it work?**

- Spread some dry leaves or hay over the net at the bottom of the bin to prevent Composorb falling into the lower leach pit. Spread 2-3 cm layer of Composorb over the paper.
- Place your wet waste in the composting ByoBin.
- Cover it with a thin layer of Composorb.
- Do this on a daily basis. Basically, sandwich 15-20 cm thick layer of biodegradable waste (wet waste/organic waste) between 1.5- 2 cm thick layer of Composorb till the vessel is filled up.
- Once the bin is filled up, open another bin to place the new waste. The original bin will now be left alone for 30 days to enable complete composting.
- Once composting is complete, the bin will be filled with nutrient rich soil-less organic planting media, which can be used directly for gardening, without any need for soil or other manure.
- To remove the composted planting media, just take the pipes out from the bin, tilt the vessel and collect it into bags.



[https://m.facebook.com/story.php?story\\_fbid=2290070317700464&id=222060064501510](https://m.facebook.com/story.php?story_fbid=2290070317700464&id=222060064501510)

