

FLOATON[®] BREAKWATER

FLOATON[®] BREAKWATER is a green concept in preventing beach erosion.

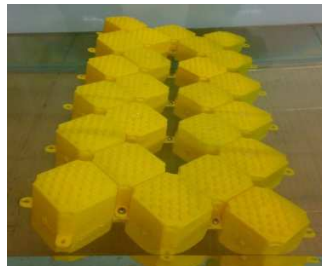
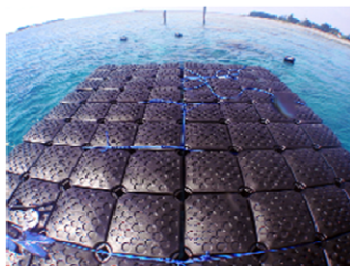
FLOATON[®] BREAKWATER is constructed by configuration of 0.5×0.5×0.4m³ size cube, made of High Density Poly-Ethylene (HDPE). FLOATON[®] BREAKWATER is hence resistance to UV, abrasion, saline water and acid.

FLOATON[®] BREAKWATER offers numerous advantages in preventing beach erosion as it provides:

- Low-cost maintenance
- Preservation of beach aesthetic
- Significant absorption of moderate wave
- Suitability for deeper water and various soil conditions



Being a floating system, FLOATON[®] BREAKWATER is an environmentally friendly construction. It does not generate interference on water circulation, fish migration and sediment transport.



Model of FLOATON[®] BREAKWATER and the 1:1 scale prototype have passed laboratory and field tests successfully. Effective configuration to give maximum wave damping is given by the so-called 'sloping-zigzag-holes' configuration.

FLOATON[®] BREAKWATER can also be used for various floating structures, such as fish cage, floating seaweed farm, harbor, tourism facilities, bridge, house, buoy, boat docking and transportation pontoon.

