

**PORTLAND** ANTI-WASHOFF POLYMER is anti-tidal wash out polymer concrete admixture that contained all needed polymers and admixtures for ultra high strength and durability sea tidal attack concrete.

**FEATURES:**

- Polymer forming co-center matrix coating on the micro-structures of concrete to protect against chemical attack including  $\text{CO}_3^{-2}$ ,  $\text{Cl}^{-1}$ ,  $\text{SO}_4^{-2}$ ,  $\text{Na}^{+1}$ ,  $\text{Ca}^{+2}$ ,  $\text{Mg}^{+2}$
- Corrosion resistance not only sea environments and under the sea but also in tidal zone which is vulnerable to wetting, drying and frost.
- High green bonding cohesion to eliminate concrete wash out during tidal pouring.
- Able to create ultra high compressive strength and ultra high flexural strength concrete up to the boundary limit of concrete properties which is really suitable for bridge foundation.
- Create last long high durability novelty concrete.
- Become self-compacting concrete and self cure concrete as well as protective coating on the reinforced steels.

**TYPICAL MIXED DESIGHED:**

	Kg per Cubic Meter
Portland Cement ASTM C150 type1	400
Pulverized Fly Ash type F	120
Fine Sand	520
Gravel Sand 8 mm.-16 mm.	1,300
Portland Anti Wash out polymer	2 % of Binders (Cement + Fly Ash)
Water/ Binder Ratio	0.25
Compressive Strength (28 days)	125 M Pa
Flexural Strength (28 days)	25 M Pa