

REVERSE OSMOSIS WATER TREATMENT SOLUTIONS

Chemical Products for your
RO Membrane Water Treatment System



Longer Lifetime for your Reverse Osmosis Membrane & System

The demand for demineralized water in a factory plant, whether for boiler feed water or production requirements, commonly comes from a reverse osmosis unit for demineralization process. Demineralization processes from a RO unit pose several problems such as biofouling, scaling, that could result in salt breakthrough or reduced permeate product flow.

We at **POWER CHEMICALS** provide you with the best RO treatment chemicals, and our rigorous technical service for prolonging your RO membrane lifetime and increasing your productivity



Our **Reverse Osmosis Water Treatment Solutions** are a perfect fit for :

- Wastewater Effluent RO System
- Brackish Water RO System
- Seawater RO System
- RO System for Demin Plant



Our Chemical Products

POWER SCALE-X™ : Scale Inhibitor for RO Membrane Surface

Reject water produced from RO operations has a very high level of dissolved minerals. If left untreated, this reject water can quickly build up significant scale deposit and reduce productivity of the membrane. Our **POWER SCALE-X™** series are your choice for mineral scale inhibition thus preventing rapid scale build up on your RO membrane

POWER BIO-X™ : Eliminating Bacteria from Entering your RO System

Bacteria in raw water entering RO membranes can reproduce and create slime biofouling that slowly reduces your overall permeate production & reduces your overall RO productivity. Our **POWER BIO-X™** Eliminate any residing bacteria in your RO feed water prior entering your RO membrane

POWER DECHLOR™ : Chlorine Removal for your RO Feedwater

Chlorine residuals in your feedwater can create punctures in your RO membrane, thus resulting in salt breakthrough and high salinity in your permeate water. **POWER DECHLOR™** is your solution for effective removal for any residual chlorine prior entering your RO system.

POWER ACIDCLEAN™ & POWER BASECLEAN™ : Acid & Alkali Cleaner for your RO Membrane

Overtime scale & biofouling build up in your RO membrane must be removed via chemical cleaning. Our acid cleaner product **POWER ACIDCLEAN™** will remove any mineral scale deposits & our alkali cleaner product **POWER BASECLEAN™** will remove any organic deposits on your RO membrane surfaces.

RAW WATER FEED

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