

Membrane Desalination



Comprehensive solutions for optimal plant performance

BWA Flocon® solutions are a range of products and support services for protecting and optimizing the performance of membrane systems. Our expertise includes: antiscalant technology, membrane cleaning, customer training, technical support and monitoring of both antiscalant and plant performance. Our chemicals have membrane approval and are NSF certified. Flodose® is a predictive software tool that enables reverse osmosis users to select antiscalants most suited to the needs of their plant water chemistry.

Antiscalants: Our technologies provide exceptional scale inhibition for maintaining clean membranes for operational reliability and efficiency.

Cleaners: Flocon® MC products are cleaning products designed for restoring membrane performance by removing inorganic, organic, silt, silica and metal deposits.

Biocides: Flocon® B products provide effective control of biofouling through online or intermittent use.



PRODUCT EFFICACY

EXCELLENT ■

GOOD ■

NO EFFECT ■

Antiscalants

Product	Description	Product Effective Against											Flotrak Compatible
		CaCO_3	Ca_3SO_4	BaSO_4	SrSO_4	CaF_2	$\text{Ca}(\text{PO}_4)_2$	Silica	Iron	Heavy Metals	Organics	Silt/Clay	
Flocon® 260	Waste water and hard to treat water.	EXCELLENT	EXCELLENT	EXCELLENT	EXCELLENT	EXCELLENT	EXCELLENT	EXCELLENT	EXCELLENT	EXCELLENT	EXCELLENT	EXCELLENT	EXCELLENT
Flocon® 135	High sulfate scale application.	EXCELLENT	EXCELLENT	EXCELLENT	GOOD	GOOD	NO EFFECT	GOOD	EXCELLENT	GOOD	GOOD	EXCELLENT	NO EFFECT
Flocon® Plus N**	Sea water application.	EXCELLENT	GOOD	GOOD	GOOD	GOOD	NO EFFECT	NO EFFECT	GOOD	GOOD	NO EFFECT	GOOD	EXCELLENT
Flocon® 190**	General purpose scale inhibitor.	EXCELLENT	GOOD	GOOD	GOOD	GOOD	NO EFFECT	NO EFFECT	GOOD	GOOD	NO EFFECT	NO EFFECT	NO EFFECT
Flocon® 230	Brackish water application.	EXCELLENT	EXCELLENT	EXCELLENT	GOOD	GOOD	NO EFFECT	EXCELLENT	EXCELLENT	EXCELLENT	GOOD	EXCELLENT	EXCELLENT

To tailor your treatment program please use Flodose® or contact a BWA sales representative.

All products listed are approved by NSF for potable use and have been approved by the membrane manufacturer.

*Product is suitable for boron removal processes.

**Product is compatible with polymeric coagulants.

Cleaners & Biocides

Product	Description	Feed Water	Product Effective Against								
			CaCO_3	$\text{Mg}(\text{OH})_2$	CaSO_4	$\text{Ca}(\text{PO}_4)_3$	Iron	Heavy Metals	Silica	Particulate Matter	Biofouling
Flocon® MC3	Powdered acidic cleaner.	Brackish water, sea water, waste water	EXCELLENT	EXCELLENT	NO EFFECT	NO EFFECT	EXCELLENT	EXCELLENT	NO EFFECT	NO EFFECT	NO EFFECT
Flocon® MC11	Powdered alkaline cleaner.	Brackish water, sea water, waste water	NO EFFECT	NO EFFECT	NO EFFECT	NO EFFECT	NO EFFECT	NO EFFECT	EXCELLENT	EXCELLENT	NO EFFECT
Flocon® B30	Sanitizer to control biofilm growth.	Brackish water, sea water, waste water	NO EFFECT	NO EFFECT	NO EFFECT	NO EFFECT	NO EFFECT	NO EFFECT	NO EFFECT	NO EFFECT	EXCELLENT
Flocon® B38	Sanitizer to control biofilm growth.	Brackish water, sea water, waste water	NO EFFECT	NO EFFECT	NO EFFECT	NO EFFECT	NO EFFECT	NO EFFECT	NO EFFECT	NO EFFECT	EXCELLENT

For cleaning procedure please check product technical data sheet.