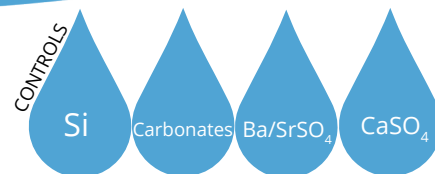


Pretreat Plus® Gypsum Conc.

Antiscalant/Dispersant/Antifoulant



Pretreat Plus® Gypsum Conc. is a targeted performance antiscalant that is specifically formulated for feedwaters with the highest levels of calcium sulfate. It is effective over a wide range of concentrations and does not flocculate dissolved polymers such as residual coagulants or iron- or aluminum-rich silica. A special utility is in its application as a substitute for pretreatment with ion exchange beds. Use of this product is recommended for reducing the operating and capital costs of reverse osmosis (RO) and nanofiltration (NF) systems.

Features

- Specifically formulated to control high concentrations of calcium and other sulfates.
- Controls sulfate scale over a large concentration range.
- Strong dispersing capabilities.
- Compatible with RO, NF, and UF membranes from all major manufacturers.
- Liquid formulation is convenient and easy to use.
- Certified under NSF/ANSI Standard 60 for drinking water production.
- Can be mixed with all Pretreat Plus® and Protec® RO products to boost control of fouling.



Dosage

In the dosage range of 0.1-8 mg/L (neat), control of a wide range of inorganic scales at several times the conventional saturation values. By monitoring the concentrate stream and trend charts using iWater-PRO™, optimal dosage can be achieved for the control of scales.



Specs

Appearance: Clear, colorless to pale amber	Product pH (neat): 7.0 ± 1.0
Specific Gravity: 1.26 ± 0.07	Feedwater pH: 3.0-13.0

Application

Pretreat Plus® Gypsum Conc. should be injected into the feed stream prior to the static mixer and cartridge filter. Effective pH range is 3.0-13.0. Can be used to stabilize supersaturated brine in storage or passage through long discharge pipes. If frozen, may be thawed and mixed before use.



Packaging

5 gal (20 kg), 55 gal (220 kg),
220 gal (969 kg), 275 gal (1211 kg)

