

Flocon[®] 220

www.wateradditives.com



Antiscalant for Reverse Osmosis Systems

Description

Flocon 220 is an aqueous solution of a specialised phosphonocarboxylic acid, highly effective in controlling the deposition of inorganic scale forming salts on membrane surfaces in RO units using treated waste water as the feed.

- Excellent control of phosphate and carbonate scales for cost effective operation
- Will not adversely interact with coagulants or polymeric flocculants
- Compatible with all major membranes
- International potable water approvals
- Dispersant

Application

Flocon 220 is an aqueous solution of an organic acid and as such is corrosive in its concentrated form. Corrosion resistant dosing equipment should therefore be used. Examples of suitable materials are 316L stainless steel, or plastics such as GRP, PVC and PE.

The recommended injection point is into the feedwater downstream of any filtration equipment and cartridge filters.

Usage

Flocon 220 is miscible with water in all proportions. It may be applied as the neat product, or as a solution in permeate.

Minimum dosing solution strength of 10% w/w is recommended. Flocon 220 should be dosed continuously and proportionately to the feed water flow, to maintain the recommended dose level.

The dose level required is dependent on the quality of the feedwater and the saturation indices of the various scale forming species present in the concentrated brine. Proprietary computer software is used to calculate scaling indices and calculate optimum system recovery

*Please consult with your BWA Water Additives representative to determine optimal dosage recommendations for your system.

Physical Properties

Appearance	pale yellow liquid
pH	< 2
Specific gravity	1.1 to 1.2 at 20/20°C
Freezing point range	0 to -3 °C
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Further details are available in the safety data sheet



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