

Vitec® antiscalants have been in use for over a decade and this data sheet provides a few examples of the wide range of applications that Vitec 4000 specialty silica inhibitor is applied. It also outlines some of the institutions that have granted approval for product use.

Vitec 4000 is a blended formulation which gives superior silica inhibition and is therefore applied to brackish and industrial applications where up to 2 IP/Ksp silica (240 to 400 ppm depending on pH and temperature) is expected in the RO concentrate stream. It's effectiveness provides excellent cost efficiency, particularly at sites where RO system recovery can be significantly increased with the addition of this inhibitor.

The Vitec antiscalant range is approved for use by:

- Drinking water authorities including the UK Drinking Water Inspectorate, mainland European approvals and the NSF International in the United States.
- Major membrane manufacturers.
- Multi-national end user companies including soft drinks and electronics manufacturers.

The following is a brief reference list intended to illustrate the wide range of applications successfully using the Vitec 4000:

Vitec 4000			
Water Source	Application	Years in Use	Comments
Well water, KSA	Potable	1	377ppm silica in brine
Well water, KSA	Potable	1	196ppm silica in brine
Well water, KSA	Potable	1	230ppm silica in brine
Well water, UK	Brewery	6	High iron sequestering
Well water, Spain	Potable	9	TDS 4000, 250ppm silica in brine
Well water, Chile	Potable	4	
Well water, Hawaii	Potable		
Well water, UK	Creamery	3	High CCPP iron and 170ppm silica in brine

Ask your Avista representative about the benefits Vitec antiscalants can bring to your site.

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