ION Enterprises LTD
ScaleBuster Technology

The Rodin Group Ltd
the water friendly company

C A S E S T U D Y

Phoenix Student Residence, the University of Brighton UK

OVERVIEW

In July 1996, a 4" ION **ScaleBuster**® SB100 was installed at the student residence to protect the cold water taps, WCs and unvented hot water cylinders.

WATER SYSTEM CHALLENGES

Annual water consumption of the building (which went through the ION **ScaleBuster**®) was 11,587 cubic meters. In Brighton (the southern England coast region) the water is hard to very hard – above 200mg/l as Calcium Carbonate equivalent.

SOLUTION

In 2011 the ION **ScaleBuster**® conditioner was replaced by a 2" ION **ScaleBuster**® SB50 when the University decided to decommission the cold water storage tank so the 4" boosted supply was replaced by a direct mains water feed with a consequential reduction in flow rate.

RESULTS

The 4" ION **ScaleBuster**® SB100 (serial No. xxx6792 model SB100 with PN10 flanges) was removed and returned to the manufacturer in order to carry out a detailed examination following over 15 years of continual service. The 4" ION **ScaleBuster**® SB100 was found to be in perfect order.

ABOUT THE TECHNOLOGY

The patented **ScaleBuster**® technology completely replaces traditional chemical treatment; providing control of scale and corrosion in various water process systems to create an exceptionally clean system. This dramatically reduces energy and water consumption, while reducing or, in certain cases, eliminating toxic water discharge to the environment.

SCALEBUSTER technology