

SENTINEL®



Ultimate protection

of central heating systems



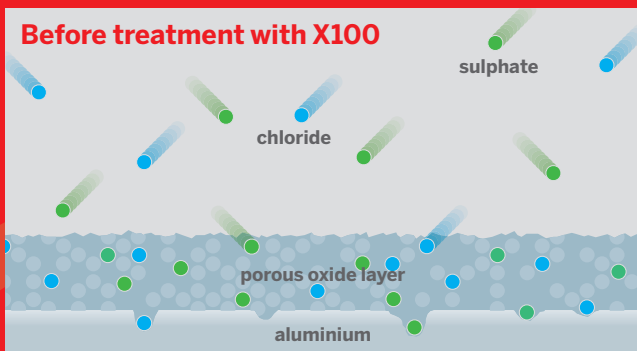
Why inhibit?

The correct use of an inhibitor like X100 is central to effective water treatment.

Approximately 87% of boiler call-outs are to systems without correct water treatment

Source: major boiler manufacturer testing and research

On high value metals such as aluminium and stainless steel heat exchangers, the use of high quality inhibitor is needed to preserve the natural protective layer from the effects of corrosion and extreme pH. Sentinel X100 products offer excellent protection for both.



If left untreated, system metals such as aluminium and stainless steel are open to attack in water by aggressive chloride and sulphate compounds. Natural oxide layers are easily penetrated, which quickly leads to pitting and corrosion, putting high value components at risk of damage or failure.

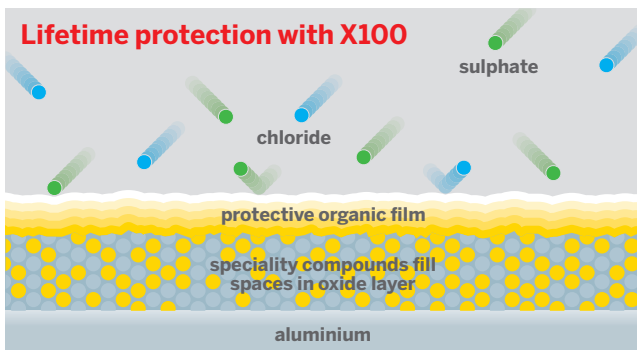
3 reasons to inhibit with Sentinel X100...

- 1. The best product: X100 prevents scale and corrosion in heating system component metals, including aluminium.**
- 2. The best brand: Sentinel is endorsed by leading boiler manufacturers, trusted to protect customers' warranties.**
- 3. The best system: The Sentinel System ensures first time fixes and reduces unwanted call backs.**

The best product

- **8 active inhibitors for superb protection on all system metals including mild steel and copper**
- **3 anti-scaling technologies prevent limescale deposits on heat exchangers and pumps in hard water areas**
- **Unrivalled aluminium protection against aggressive pinhole corrosion**

Sentinel X100 Inhibitor, a unique blend for ultimate central heating system protection.



X100 contains 5 specialist inhibitors for unrivalled protection of aluminium. The speciality corrosion inhibitors create a denser, less penetrable layer which is topped off with a protective organic film, to completely protect aluminium from the damaging effects of corrosion.

Something Xtra to be aware of...

Large swings in pH can trigger and accelerate corrosion of components such as heat exchangers. Sentinel X100 has 3 buffer systems which provide superior stability of heating system pH.

For more information about X100 visit:
www.sentinelprotects.com/x100



The best brand

- Endorsed by boiler and heating equipment manufacturers for over 25 years
- Connected with more than 60 of these equipment manufactures globally
- In excess of 1.2 million systems are treated by installers and service companies with Sentinel products each year

We're proud of our long standing partnerships with, and endorsements from original equipment manufacturers internationally.



Our relationships extend beyond technical manual recommendations. We are trusted by manufacturers to protect their customers' warranties and reduce unwanted call-backs.

Something Xtra to be aware of...

We work in collaboration with equipment manufacturers on continuous improvement; compatibility testing of materials, investigation of water-related failures, warranty extension and validation initiatives, working new product development and more.

For more information on Sentinel's relationships visit:
www.sentinelprotects.com/aboutus

The best system

- 5 specialist high-performance cleaners for new installs, boiler replacements and scaled system components
- Complete lifetime protection with X100 Inhibitor and a true cyclone filter to capture magnetic and non-magnetic debris
- 2 unique testing methods; a quick, on-site confirmation of X100 Inhibitor levels, and an independent, laboratory analysis of water quality

Choosing water treatment solutions shouldn't be complicated, that's why Sentinel continue to promote a simple best practise approach that's tailored to meet your needs. We've categorised all our products to reflect this approach without compromising local compliance or legislations.



The Sentinel System encourages lifetime protection for heating and water systems with the best practise approach of **Clean, Protect and Maintain**, ensuring first time fixes and minimising call backs.

Something Xtra to be aware of...

As standard, our product solutions are supported by training, testing and on-site technical assistance where required. To help differentiate you from your competitors, we also provide sales tools and training to help you explain and upsell the benefits of water treatment.

For more information about the Sentinel System visit:
www.sentinelprotects.com

Guaranteed high performance

- Specifically designed to protect the modern, high efficiency condensing boilers now being fitted across Europe
- Ultimate protection for high value, sensitive components including heat exchangers, modulating pumps, and towel warmers
- Fast, quick and easy dosing to improve productivity and job planning efficiency
- Providing that a system is not drained down, Sentinel X100 does not need to be replaced and will protect for the lifetime of the heating system - Not sure if the system has been drained down? Protection can be checked



Something Xtra to be aware of...

Sentinel X100 Inhibitor has a unique on-site test method, X100 Quick Test, presenting a repeat service opportunity.

Sentinel also offers you:

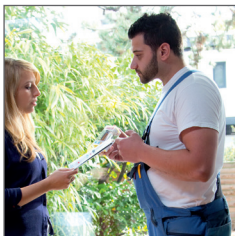
- Differentiation from your competitors
- Market leading sales training and support
- Proven value added sales tools



Tools for the job

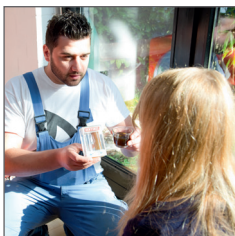
Customer flyer

Facts and figures on the benefits of water treatment, plus education on best practice solutions for your customers.



Corrosion demo kit and turbidity tubes

Practical kits help you visually demonstrate the effects of poor or no water treatment.



Videos & website

Easy to follow educational tools help you explain how our products and their technologies work, available from our mobile friendly website.



Scan the QR code to watch our video about **best practice for optimum central heating efficiency and protection**

www.sentinelprotects.com/uk/support/videos/best-practice



Scan the QR code to find out **how to check x100 inhibitor levels**

www.sentinelprotects.com/uk/support/guides/how-to-check-x100-inhibitor-levels





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