

X100 InstaDose

A ready-to-use 250 ml dosing solution of X100 for straightforward system treatment.

Introducing the new X100 Dosing Solution. The simplest and quickest way to deliver X100 system protection. Pre-measured in a convenient 250ml pouch, ensuring every dose delivers optimal performance with zero waste, zero mess, and total confidence.

- **Unique anti-corrosion formulation with multiple heavy duty inhibitors**
Protects all common system metals against corrosion and is particularly effective in protecting aluminium.
- **Multiple limescale inhibitors**
Protects high value components such as heat exchangers against limescale formation.
- **Intelligent formulation containing 3 different pH buffering systems**
Ensures system water remains as neutral as possible, preventing swings in pH which can cause and accelerate corrosion of high value components such as heat exchangers and radiators
- **Boiler manufacturer recommended**
Meets commissioning requirements to minimise risk of invalidating boiler warranty.



Leave in
system
water



250 ml pouch suitable
to treat or top up
typical domestic system



Available in
250ml Pouch



Ready-to-use pouch
with adaptor for quick
and easy dosing



The Sentinel System

Lifetime protection for heating, cooling and hot water systems using the best practice process of...



CLEAN
WITH AN
APPROPRIATE
CLEANER



PROTECT
WITH SUREFILL
EVO AND X100
INHIBITOR



MAINTAIN
WITH X100
RAPID TEST



Application

Sentinel X100 InstaDose has been formulated as a multipurpose treatment to inhibit corrosion, scale, boiler noise and hydrogen gassing in all types of indirect heating systems including those containing aluminium components. Sentinel X100 InstaDose is a new technology to easily and safely, dose your heating system. Sentinel X100 InstaDose offers superior aluminium protection (e.g. modern heat exchangers) compared to other leading brands. Sentinel X100 InstaDose is suitable for use in all waters, both hard and soft. The formulation is completely non-toxic.

Dosing

250ml of Sentinel X100 InstaDose is sufficient to treat and top up a typical domestic system of 8 to 10 radiator panels i.e. 250ml of X100 treats 100 litres of system water. Larger systems should be dosed with 500ml. For best results, systems should be cleaned and flushed in accordance with BS7593; new systems and those up to 6 months old with Sentinel X300, existing systems with Sentinel X400 or Sentinel X800. If the system is already noisy due to limescale deposits in the heat exchanger, Sentinel X200 should be added together with Sentinel X100 InstaDose.

Open Systems: Dose via F&E cistern, via a by-pass feeder or use a Sentinel Dosing Vessel.

Sealed Systems: If the system is empty, add to any convenient point before filling. If full, use a Sentinel Dosing Vessel to inject via the filling loop or other access point.

Physical properties

Appearance	Clear pale yellow
Specific gravity	1.16 (25°C)
pH (concentrate)	7.75 - 7.95
Freezing point:	-2.5°C

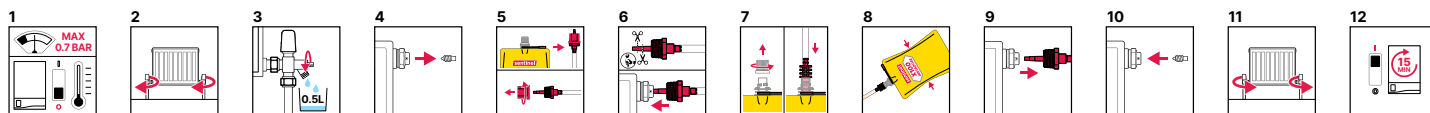
Safety information

Introduction	The information provided below enables compliance with the Control of Substances Hazardous to Health Regulations.
Description	Inhibitor for central heating systems An aqueous solution of inorganic and organic corrosion and scale inhibitors.
Handling	Avoid contact with skin and eyes. Keep out of reach of children and animals. Wash out empty container thoroughly with water before disposal.
Storage	Keep container tightly closed. Store in cool, well ventilated area.
Spillages	Flush spillage with plenty of water and wash to waste
First aid	Skin Exposure: Wash immediately with plenty of water. If irritation develops, seek medical attention. Eye Exposure: Flush immediately with plenty of running water. Keep eyelids apart. Seek medical advice. Ingestion: Rinse mouth with water. Do NOT induce vomiting! Seek medical advice.
Additional	Not for use in potable water systems. Not considered hazardous to health. Non-flammable.

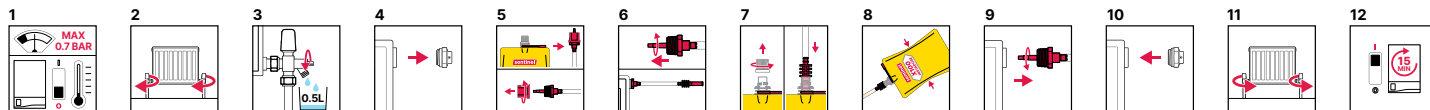


Recommendations for Dosing

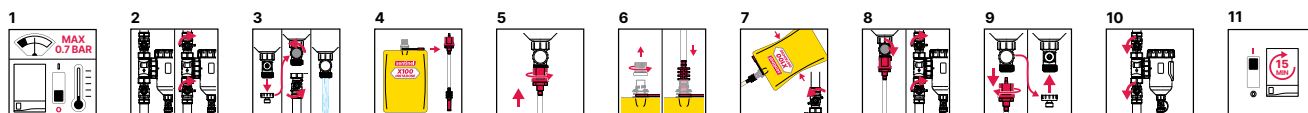
Dosing via radiator bleed pin



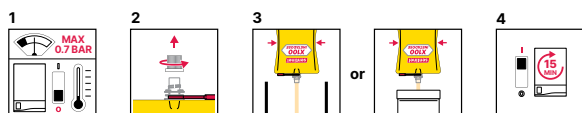
Dosing via radiator bleed valve



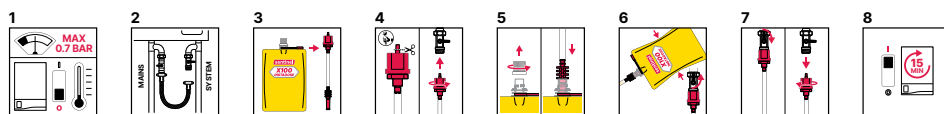
Dosing via filter



Dosing via feed & expansion tank or open access (i.e. a stripped down filter)



Dosing via filling loop / non-return valve



The use of Sentinel water treatment is endorsed by the industry's major international manufacturing companies*

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