



- Suitable for multi-metal systems, with iron, steel, copper, brass and aluminium.
- Prevents scale and sludge formation.
- Prevents micro-biological contamination.
- Prevents internal pitting and galvanic corrosion.
- Protects and extends life of heating system.
- Extended active life.
- Non-critical dosage rate.
- Buildcert approval.
- Benchmark compliance.

Systemsafe-DM Concentrate corrosion inhibitor has passed the Buildcert / DWTA performance test and approval process, so that you can be sure that it will give long term scale and corrosion protection to heating systems.

What it does:

Systemsafe-DM Concentrate is a blend of corrosion and scale inhibitors, formulated to provide complete protection against system corrosion and scale formation.

It gives long term protection to central heating systems, preventing internal corrosion, scale deposition and boiler noises, and extends the life of the system and maintains operational efficiency.

The formation of black iron oxide sludge, which accumulates in low flow areas to give flow problems and cold spots on radiators, is prevented, as is the electrolytic and oxidic corrosion which leads to localised pin-hole corrosion and leaks.

Application to heating system:

If the system is vented, add to the feed and expansion tank after isolating water supply and draining off 15 litres of water. Allow system to re-fill.

Alternatively, a SYSTEMSURE IK6 injector may be used to inject Systemsafe-DM Concentrate directly into a radiator through the air bleed valve, or the filling loop of a sealed system. It may also be added to a system via the tank of a power flushing pump.

Preparation: new systems

Before adding Systemsafe-DM Concentrate to a new system, we

recommend a pre-commission cleanse with System Pre-Clean Concentrate to mobilise and remove installation and manufacturing debris such as swarf, grease, jointing paste, dust and dirt, and to neutralise any acidic flux residues.

Preparation: existing systems

No corrosion inhibitor can reverse previous corrosion damage. To optimise the system efficiency, and allow Systemsafe-DM Concentrate to work to best effect, particularly if the water is dirty and heavily discoloured, the system should first be flushed with Hyper-Flush Concentrate.

This is particularly important in cases where a new boiler or heat exchanger is being added to an older installation.

Dosage rate:

1/2 litre (500ml) of Systemsafe-DM Concentrate is sufficient to treat a typical central heating system of 100 litres capacity (approx 12 radiators).

Further addition will only be required if water losses from the system occur.

Larger heating and cooling systems should be dosed at 0.5% of system volume.

Checking the correct treatment level

A Systemsafe-DM test kit is available to check for optimum treatment level. The test kit determines the level of

molybdate, which will be 100 ppm at the optimum dosage rate. The kit contains tablets for fifty tests, together with test tube and instructions.

Pack sizes:

cartons of 12 x 500ml and 2 x 2.5 lt, and 10 litre plastic drums.



The Kamco range of high performance chemicals formulated for the care, maintenance and protection of heating systems.



Benchmark

The Benchmark Scheme aims to improve the standards of installation and commissioning of domestic heating and hot water systems in the UK and to encourage regular servicing to optimise safety, efficiency and performance. Installers are required to carry out installation, commissioning and servicing work in accordance with the Benchmark Code of Practice which is available from the Heating & Hot water Industry Council at www.centralheating.co.uk