

- Additionally, it is recommended in central heating systems with inherent design issues or low flow rates, as small amounts of sludge may remain in dead leg areas even after powerflushing.
- Similarly, in systems where water drain down or system shut down is not practical or possible, the use of Fernox Protector/Inhibitor+ Filter Fluid and a Fernox TF1 in-line filter is an ideal solution.
- Always adhere to the local regulations relating to the treatment of hot water systems.

Fernox F3, F5, HVAC F3, FC3

Fernox cleaners remove sludge, loosen scale and installation debris from new and existing central heating systems to restore and maintain energy efficiency.

They are neutral universal cleaners ideal for pre-commissioning new systems in accordance with BS7593:2006. However, **please note**, Fernox Cleaner F3/F5 products must always be removed to ensure all the dirt and debris is removed from the system. Once removed, Fernox Protector F1/inhibitor should be added to protect the system from future corrosion.

Why use a Fernox Cleaner? (F3, F5, HVAC F3, FC3)

- To remove sludge, loosen scale and other debris to restore heating efficiency of existing systems.
- Fernox products are compatible with materials commonly used in heating systems: stainless steels, mild steels, malleable iron, copper, brass, soft and hard soldered joints and aluminium.
- They are easy to use, and the system can be left running normally during cleaning.
- They are suitable for use with all known, domestic powerflushing machines.
- They comprise a neutral, non-hazardous formula.

For domestic systems, results show that when used with Fernox Protector F1, gas savings of up to 15% can be achieved every time you heat up your room.

Fernox DS40 System Cleaner

Fernox DS40 System Cleaner is an acidic cleaner which can be used as a fast-acting remover of limescale, black sludge (magnetite) and other deposits from boilers and central heating systems. This product is designed for use with powerflushing units for more efficient, rapid cleaning. It can also be used separately to descale a boiler.

Why use Fernox DS40 System Cleaner?

- To rapidly remove limescale, black sludge and other deposits.
- Restore circulation and improve heating efficiency.
- The free-flowing powder is easy to use with powerflushing units or application via an F&E tank or Injector (for sealed systems).
- System water turns yellow when product is exhausted.
- Fernox DS40 System Cleaner is compatible with all mixed metal systems.
- Neutraliser sachets are included.

Fernox Boiler Noise Silencer F2 and Leak Sealer F4

Why use Fernox Boiler Noise Silencer F2?

- Fernox Boiler Noise Silencer F2 helps to reduce boiler noise and improve heat transfer efficiency.
- It is suitable for all types of boiler, including combination boilers and those containing aluminium components as well as radiators and pipe work system heating systems.

Why use Fernox Leak Sealer F4?

- Fernox Leak Sealer F4 is used in domestic heating systems for sealing small inaccessible leaks. Fernox Leak Sealer F4 works best in warm/hot circulating water.
- Once dispersed evenly in the system water it is effective within 1 - 24 hours. The sealing efficiency of Fernox Leak Sealer F4 has been formulated to prevent blockage of safety devices, pumps, etc.
- For long-term protection against corrosion and limescale we recommend systems are cleaned using Fernox Cleaner F5 and inhibited with Fernox Protector F1.

Fernox is a licensed member of the Benchmark Scheme which aims to improve the standards of installation and commissioning of domestic heating and hot water systems in the United Kingdom 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 and Hotwater Industry Council who manage and promote the scheme.

Visit www.centralheating.co.uk for more information

