

PROTECTOR+ FILTER FLUID EXPRESS

- Quick and convenient – doses in 30 seconds
- Simple to use with no mess
- Add via the radiator, via a Fernox TF1 Filter or filling loop with adapters supplied
- Fernox Protector with dispersant to aid the safe collection of magnetite to a filter
- Prolongs the life of the boiler, pump & heat exchanger
- Works with a filter to protect the system against corrosion debris



Product Uses

Fernox **Protector+ Filter Fluid Express** is an aerosol type product designed to make dosing a central heating system quick and simple with no mess or inconvenience to the user. It is specifically formulated to lift corrosion deposits and contaminants within central heating systems to deliver the debris directly to an in-line filter (such as one from the Fernox TF1 Filter range) for fast removal and containment. Importantly, it also provides the long-term protection of domestic central heating systems against internal corrosion and limescale formation.

This innovative product inhibits corrosion against the chemical reaction of water in contact with metals found in heating systems, i.e. ferrous metals, copper and copper alloys and aluminium. **Protector+ Filter Fluid Express** is suitable for all types of boilers, radiators, underfloor and heating systems. When used in combination with a system filter like a TF1 filter, the **Protector+ Filter Fluid Express** offers an additional ongoing cleaning method to remove corrosion products from system water. It is ideal for servicing and annual maintenance checks, saving time on-site for installers.

Protector+ Filter Fluid Express is particularly suitable for heating systems which are difficult or problematic to clean by conventional flushing or to drain down the system and isolate the radiators; and where insufficient or no water treatment has been used previously on commissioning of the system or installation of the boiler.

Fernox **Protector+ Filter Fluid Express** is compatible with metals and materials commonly used in central heating systems and all Fernox products.

Physical Properties

Fernox Protector+ Filter Fluid Express is a blend of corrosion and scale inhibitors and dispersants:

Form:	Pale yellow liquid
Odour:	Aromatic
pH (conc):	8.4
pH (soln):	7.8 to 8.2
SG:	1.17 at 20°C/ 68 F°

Application and Dosage

One 400 mL can will protect a large system (130 litres or up to 16 single radiators) and is added via a radiator, TF1 Filter or system filling loop. Fernox Protector+ Filter Fluid Express can be dispensed directly into a radiator air vent, system filling loop or via a TF1 Filter using the appropriate adapter supplied with the product. The whole process takes less than two minutes and 30 seconds to dose.



Once all the work is complete on the heating system, the final action that we recommend is carried out, is to isolate the filter and empty collected contaminants. Fernox Protector+ Filter Fluid Express should remain in the system. It is not for use in microbore systems. In single feed indirect cylinder, e.g. 'Primatic' or similar, potable water chemicals must be used.

For heavily sludged systems or new installations, Fernox recommends cleaning and flushing using Fernox Cleaner F3 before treating with Protector F1 or Protector+ Filter Fluid with an in-line filter. The installation of a system or new boiler should comply with all local legislation such as Part L of the Building Regulations.